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DELPHINIUMS • HARDY PLANTS • ROSES

1934

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U. S. Department of Agriculture



William C. Duckham



Our exhibit at the International Flower Show, 1933, showing how Delphiniums may be arranged in a small garden

A Word Among Ourselves

THE contents of this Catalogue are the result of untiring effort, work, and investigation on our part to find for you not only the newest in perennials, but the best and most prolific varieties. Of course, only the finest stock is permitted to leave our nursery, so that no matter what your selection may be, you are assured of the perfect garden if you follow our cultural instructions which are included free with every order. However, if you are uncertain, we shall be delighted to suggest groupings and color schemes if you will send us a special request stating size and type of garden desired. Our interest and pride in large and small gardens are equal, so this added to our vast experience makes it possible to offer you the best obtainable at the best price.

Here's to Your 1934 Garden

EXPRESS RATES REDUCED TWENTY-FIVE PER CENT



NEW TYPES

OF AMAZING SIZE AND INFINITELY MORE BEAUTIFUL
COLORS ARE PRESENTED IN

Duckham's Delphiniums

*Superb forms and colors that have awakened
a new interest in these most charming old-
fashioned flowers*



Gold Medal. Special award New
York Hort. Soc. International Show
and numerous awards elsewhere.

FOR YEARS and years the Delphinium or old-fashioned Larkspur has been a favorite among gems of loveliness for the hardy border.

However beautiful the old varieties were, they are not to be compared with the modern types, the choicest of which are still in the hands of a few specialists who devote their whole time to bringing them to a still higher state of perfection.

My Delphiniums are now well known in every state from Maine to California. At every flower show where they have been exhibited they have invariably outclassed every competing group. For three years my exhibits have carried off the highest honors with three special Gold Medals at the great New York show, where the world's finest Delphiniums have been shown.

Single, semi-double, and double flowers, glorious color shading from indigo-blue to pale mauve, lavender, soft pink, and white, cover one-half to two-thirds of the giant 5- and 6-foot spikes. Every dozen plants include practically the entire color-range of this magnificent strain.

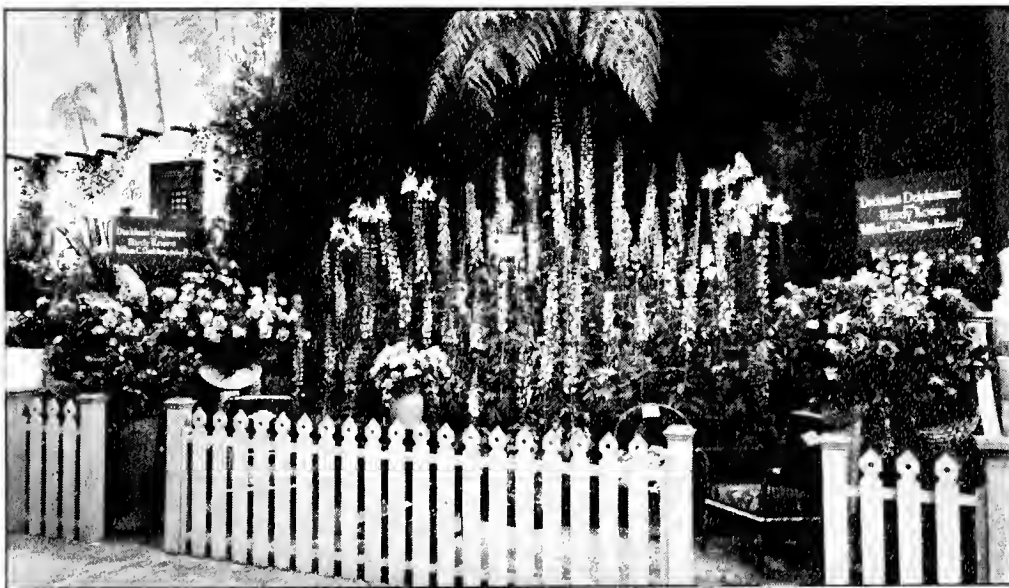
No hardy flower border is complete without them. A few of these beautiful spikes are reproduced in natural colors on pages 4 and 5, accompanied by the story of Duckham's Delphiniums.

Since the last issue of my Catalogue, I have once more won the highest awards for my Delphiniums at the leading shows in America. Some of the new colors and unique forms are truly amazing in their beauty. I keep in continuous touch with the English sources of the hybrids I originally imported and distributed in America, and have been fortunate in securing special favors from them by receiving consignments of their very choicest creations. Adding these to my already famous strain has made it unique and outstanding in superiority.

Young plants which produced their first flowers last fall (1933), and which are offered for spring planting, will bring many delightful surprises to those who order now.

I have many letters from customers in all parts of the country expressing the pleasure and satisfaction they have enjoyed from my plants—particularly those who purchased my newest strains of the last few years.

A momentary thought occurred to me of reducing the price of my Delphiniums this year. I understand growers of a general line of hardy plants are doing so. But when I considered the magnificent and very expensive types I have added to them, I felt that having so considerably increased the quality of my plants I shall be really giving much greater value by charging the same price as in former years.



One of my Gold Medal Exhibits—New York International Show



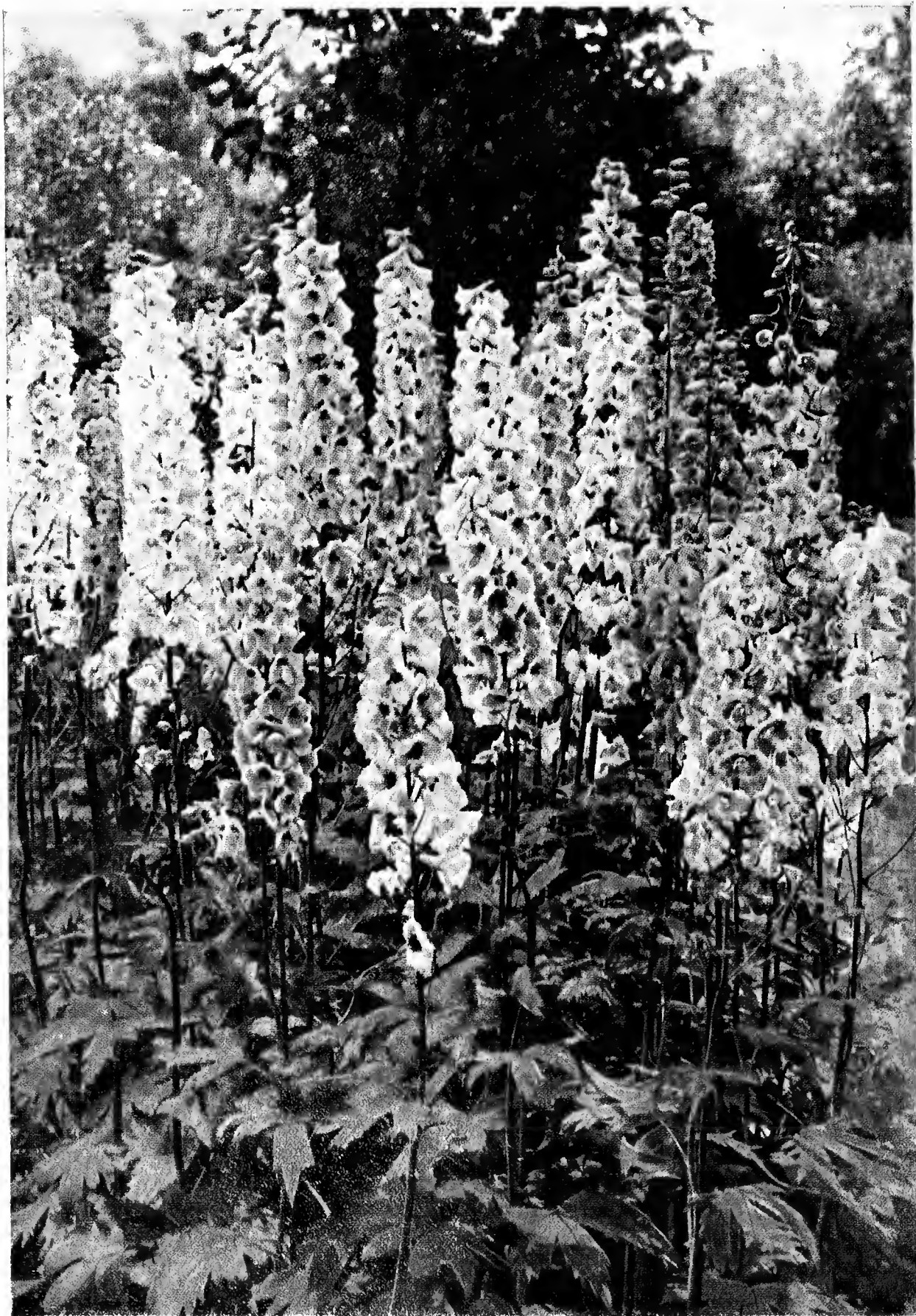
Huge spike of the typical
Wrexham strain

In every state of the Union, my Delphiniums now form conspicuous colonies in the gardens of estates famed for their beauty. The spikes are of huge proportions, standing 5 to 6 feet high, on "walking-cane" stems. Some of these are broad at the base, tapering to a fine point; others are columnar, like five or six hyacinth spikes joined end to end. Again, some spikes are compact, with the individual florets touching and overlapping, while others have the more open formation, so graceful in the estimation of connoisseurs.

The flowers are quite double in some spikes, showing distinctly two rows of petals; others are semi-double; and there are quite a number of the single-flowered sorts also, exhibiting special individual charm.

Join the Delphinium Society of America
WE WILL FORWARD YOUR APPLICATION

WILLIAM C. DUCKHAM, MADISON, N. J.



Selected Types and Colors

Where personal selection is made by a customer in my fields during the summer, I charge according to the merit of each plant selected. For those who cannot visit my grounds, but who desire some of these extra-choice types, I have already put aside some of these and offer them as

Super-Hybrids

**\$2.50, \$5.00, and \$7.50
each and up**

All of them are field-grown clumps, thoroughly acclimated, hardy, and will bloom profusely this year.



The colors cover the complete range from deepest indigo-blue and violet to the faintest lavender, mauve and peach-cheek hues, almost bordering on true pink. And the flowers are not confined to one or two shades. We find deep blue with white and a brown "bee" (center of flower); violet-purple, purple, and light blue with a black "bee"; lavender, pink, light blue, with a yellow "bee," and a host of other four-tone effects, all in the one flower.

Such combinations are unusual and it is these that have made my Delphiniums famous—unusually famous. It is such combinations that have caused them to be termed "**Wonders of the Wily Ways of Wizards**" in plant-hybridization.

My Delphiniums adorn the flower borders of some of the finest estates in America

WILLIAM C. DUCKHAM, MADISON, N. J.

Although these hybrids comprise many new types of delicate colors, all are extremely hardy, and well-established clumps in the border provide, year after year, wonderful spikes of majestic size and great beauty. They are also very desirable for cutting for indoor decoration, lending a delightful tone to mixed flower arrangements, harmonizing extremely well with yellow and orange flowers, particularly the deeper blue, violet, and purple shades.

Prevent Delphinium Blight

The following mixture is very effective: One teaspoonful of Black-Leaf 40 and one tablespoonful of Bordeaux mixture to one gallon of soap-water (any kind of soap-water will do—its action is only a spreader). Spray frequently and thoroughly.

Duckham's Inimitable Mixed **DELPHINIUM SEED**

SAVED ONLY FROM CHOICEST VARIETIES
Cultural directions enclosed with each order. **Pkt. \$2.00.**

Duckham's Unnamed **MIXED DELPHINIUMS**

Regular Grade: This covers the entire color-range from mauve and lavender to deep blue and violet. **\$11 per doz.;**
\$85 per 100.



Helpful Hints on Growing Delphiniums

In choosing a site for your border, select one with a southern aspect, sheltered from the north by wall, hedge fence, or shrubbery. Don't plant them in low-lying, damp ground. Delphiniums like well-drained, clayey soil, deeply dug, and heavily fertilized with rotten manure.

Prepare the soil several weeks before planting. Leave it in the rough after spading in the manure to give it time to settle and permit the manure to mix with it thoroughly. Spade second time before planting.

Choose a clear, dry day for the work. Unpack the plants immediately on arrival. Keep them away from cellar or boiler heat. Plant temporarily or cover with mats outside until ready to plant.

Plant at least 3 feet away from other plants in the border, preferably in the back row. Make holes wide enough to accommodate the roots spread out. Hold crown of plant level with surface of bed, spread out roots, pack earth between and over them.



Place a stout 5-foot stake in hole to tie and protect the growing shoots later.

Plant in the spring as early as possible—when soil is in a workable, friable form. Plant in the fall from September 15 to November 15. Either season is good if proper attention is given to planting details.

Apply any good artificial fertilizer at intervals of a few weeks in summer. Water regularly and often. Cut away old (first) flower-spikes after blooming to induce a second crop.

Spray regularly with Black-Leaf 40 (1 teaspoonful to 1 gallon of soap-water) to prevent or check attacks of black-spot and insects.



TENDER BEDDING AND GREENHOUSE PLANTS

Ageratum

FRASERI. Splendid, compact summer bedding plants; about 10 inches high. Flowers clear, bright blue.

	Doz.	100
2-inch plants.....	\$1 50	\$10 00
3-inch plants.....	2 00	15 00

Begonias

LADY MAC. Pink. 2¼-inch pot-plants, \$50 per 100.
MELIOR. Pink. 2¼-inch pot-plants, \$47.50 per 100.

Buddleia

ASIATICA. Excellent greenhouse plant, producing long blooms of intensely fragrant white flowers in late December and early January. \$20 per 100.

Carnations

The latest and finest forcing varieties.
Joan Marie. Plant Patent No. 3.
Chief Kokomo. Plant Patent No. 35.
Wanda.
Giant Laddie.

All above Carnations, \$35 per 100

STANDARD VARIETIES

Chintz	Matchless
Coral Glow	Maine Sunshine
Happiness	Patrician
Ivanhoe	Princess Dagmar
Laddie	Red Laddie
Lady Hendlip	Zorro

All Standard Varieties, \$20 per 100

Calceolaria

Hybrids. 2¼-inch pot-plants, \$30 per 100.

Euphorbia

JACQUINÆFLORA (*E. fulgens*). Extremely decorative greenhouse plant with drooping sprays of bright scarlet flowers. \$35 per 100.

Poinsettias

Stunning Christmas plant with showy scarlet bracts. \$35 per 100.

Gardenia

VEITCHI. Best forcing variety for market. Strong plants, \$1 each; \$75 per 100.
CALIFORNIA. Very large-flowering variety. \$1 each; \$75 per 100.

Geraniums

We have a fine stock of well-grown specimens of this popular outdoor bedding plant in all colors. 4-inch pot-plants, \$3 per doz.; \$20 per 100.

Gerbera

JAMESONI HYBRIDS. 75 cts. each; \$7.50 per doz.; \$60 per 100.

Standard Heliotropes

We have a fine stock of specimen plants 4½ to 5 feet high. Flowers lilac and purple; fragrant. \$5 each; \$50 per doz.

CENTEFLUR. Deep blue, with conspicuous white eye.

ROYAL FRAGRANCE. Deep, rich violet-blue.

	Each	Doz.	100
2½-inch pots.....	\$0 35	\$2 50	\$18 00
3-inch pots.....	40	3 50	25 00
4-inch pots.....	50	5 00	35 00

Lantana

A splendid, aromatic bedding plant with clusters of vivid yellow and scarlet flowers all summer. \$15 per 100.

Lemon Verbena

Fine garden herb with scented foliage. 2¼-inch pot-plants, \$10 per 100.

FERNS

Adiantum Cuneatum Croweanum

The hardiest of the Maidenhair Ferns, and very suitable for pot-culture or for growing in the bench for cut-fronds. Ready June 1.

	Each	100
3-inch pots.....	\$0 25	\$20 00
4-inch pots.....	50	35 00
5-inch pots.....	75	60 00

Cibotium Schiedei

A very desirable plant. Has long, graceful fronds of light green. One of the most attractive Ferns.

	Each
8-inch tubs.....	\$6 00
10-inch tubs.....	10 00
12-inch tubs.....	12 50
14-inch tubs.....	15 00

Boston and Dwarf Boston

A fine stock of good bushy plants. The most popular house-plant and very widely used for interior decoration and porch work in summer, as it does well in partial shade.

	Each
4-inch pots.....	\$0 50
5-inch pots.....	75
6-inch pots.....	1 00
7-inch pots.....	1 50
8-inch pots.....	2 50

FERNS for Fern Dishes. Assorted. \$1.50 per doz.; \$10 per 100.

Hardy English Ivy (Hedera)

This well-known, popular evergreen vine is invaluable for covering walls, etc., and makes an excellent ground-cover in shady places where grass will not grow. Very desirable for cemetery work and for edgings of window-boxes. Nice bushy plants with long runners.

	100
3-inch pots, dwarf.....	\$30 00
4-inch pots.....	35 00
4-inch pots, staked.....	50 00

DUCKHAM'S FORCING ROSES

Of the many hundreds of Roses that have been recommended for growing under glass, the number that force well, under all conditions, are comparatively few—and the following are about the best of them. I offer strong, well-rooted plants, grafted or budded on Manetti, the most satisfactory understock for producing abundant bloom.

ORDER YOUR ROSES NOW. Have them the size you want them when you are ready for them. All our Forcing Roses are delivered by truck within a radius of 60 miles of Madison, insuring delivery in perfect condition

Novelties

MARY HART. Plant Patent No. 8. Sensational sport of Talisman, with vivid red flowers of an ox-blood shade, completely free from any tendency to blue.

SENIOR. Plant Patent No. 2. Flowers and buds rich crimson until fully developed. Splendid, vigorous, having extra-long stems without pinching.

SOUVENIR. Plant Patent No. 25. Stunning, pure golden yellow sport of Talisman with all the good qualities of its parent. Free flowering, profitable yellow.

STERLING. Plant Patent No. 21. Vivid pink, semi-double flower of the Killarney type. Buds particularly large and fine. Free growth and continuous bloom.

2½-in., \$50 per 100; 3-in., \$60 per 100; 4-in., \$70 per 100

Standard Varieties

AUTUMN. Stunning deep crimson and gorgeous yellow buds opening to full-petaled, long-stemmed blooms. Splendid bloomer.

BRIARCLIFF. Rich, unshaded rose-pink flowers of beautifully modeled form. A popular, vigorous, and prolific variety.

HOLLYWOOD. An intensely fragrant, dark rose-pink sport of Premier, and superior to it in growth and blooming qualities.

JOANNA HILL. Clear yellow buds and blooms with orange tones in the center. Growth and blooming qualities unusually good.

LADY MARGARET STEWART. Striking red and gold flowers shaded copper in the bud. Strong, vigorous growth. A striking flower.

LUM'S DOUBLE WHITE. Splendid, long, ivory-white buds and dazzling white, semi-double flowers of extreme beauty. Free grower.

MME. BUTTERFLY. A well-known favorite and always dependable. Large, light pink flowers shaded apricot and gold. A lovely Rose.

PREMIER SUPREME. A glorified Premier, with very full buds opening to high flowers of richest rose-pink. Healthy and vigorous.

PRESIDENT HERBERT HOOVER. Superb buds of mammoth size, rose, crimson, yellow, and golden buff. Splendid, vigorous plant.

RAPTURE. A deeper-toned variation of the famous Mme. Butterfly, with lucent pink and shining golden tints in its perfect flowers.

SUNKIST. Flowers of brownish orange, shading to buff and deep gold. A darker, more richly colored form of Joanna Hill.

TALISMAN. Most popular and best-known highly colored Rose in commerce. Red and yellow, pink and gold. Blooms all the time.

TEMPLAR. Clear rich red flowers brightened with scarlet, richly fragrant. Extremely free flowering. The most profitable red.

MRS. FRANKLIN D. ROOSEVELT. Plant Patent No. 80. The latest and finest deep yellow sport of Talisman. Darker yellow than Souvenir.

MRS. F. R. PIERSON. Well-known, popular sport of Premier, with huge buds and bright, full-petaled flowers of glowing ruby-crimson.

BETTER TIMES. Plant Patent No. 23. A brilliant cerise sport of the ever-popular Briarcliff, which it resembles in other respects.

TOKEN. Plant Patent pending. Startling shade of orange, unlike any other Rose of similar quality. Beautifully formed and lasting flowers.

2½-in., \$30 per 100; 3-in., \$40 per 100; 4-in., \$50 per 100

WILLIAM C. DUCKHAM, MADISON, N. J.

ROCK-PLANTS

ROCK-GARDENING has a strong appeal to all gardeners because it provides a means of growing an unusually large collection of charming plants which have no particular fitness for growing in well-groomed perennial borders. Year after year the rock-garden repays the slight care it requires with increasing interest and charm, affording all-year-round interested enjoyment, whether it be a few square feet in a back yard or an elaborately constructed artificial mountain-range. A great many people make the mistake of using unsuitable material in rock-gardens. Annuals have no place there, or tender bedding plants. The rock-garden should be a home for permanent perennial plants of the types suited to their environment. Not all of the plants which we grow in rock-gardens are necessarily alpine in their nature, but the best of them are, and it is well for the gardener to choose those things which are known to thrive under the conditions provided by the rock-garden. The list which follows has been carefully selected, and only those plants which look well in rock-gardens and enjoy living there are included.

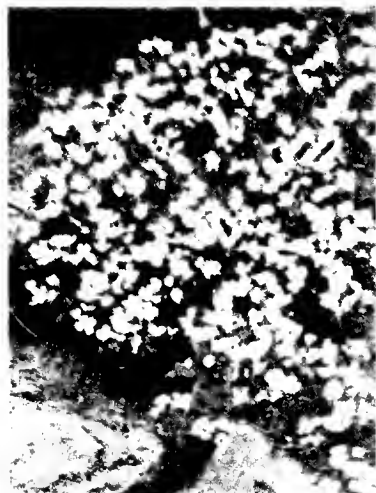
All Rock-Garden plants, except where noted, 30 cts. each; \$3 per doz.; \$20 per 100. Not less than 3 of any variety sold

- ACHILLEA tomentosa.** *Woolly Yarrow.* Creeping mats of ferny foliage with broad, flat heads of golden yellow flowers on 6-inch stems.
- ÆTHIONEMA coridifolium.** A superb trailer with gray foliage and clusters of rosy pink flowers. 35 cts. each; \$3.50 per doz.
- AJUGA genevensis.** An excellent creeper with bronzy foliage and dark blue flowers on 6-inch spikes.
- ALYSSUM saxatile compactum.** Splendid tufted plant a foot or more high, covered with a mass of golden yellow flowers.
- A. serpyllifolium.** A very dwarf variety of trailing habit, with innumerable pale yellow flowers.
- ANDROSACE lanuginosa.** *Rock Jasmine.* Charming clusters of pale rose flowers set on rosettes of silky foliage. 50 cts. each; \$5 per doz.
- AQUILEGIA canadensis.** *Wild Columbine.* Very pretty bright red and yellow flowers. Excellent in sun or shade.
- ARABIS alpina.** Mats of gray-green foliage buried in a snowy cloud of pure white flowers.
- ARENARIA montana.** An excellent plant for rock-crevices, with creeping stems and large greenish white flowers of great beauty.
- ARMERIA Lauchiana.** A striking rock-garden plant with red flowers in clustered heads on 6- to 10-inch stems.
- ASTER, Mauve Cushion.** Handsome, very dwarf, compact plant covered in autumn with starry pinkish white flowers.
- AUBRIETIA HYBRIDS.** Extremely showy, trailing plants covered with a mass of brilliant pink, purple, blue, and lavender flowers. 35 cts. each; \$3.50 per doz.
- CAMPANULA carpatica.** *Harebell.* Makes excellent tufts of beautiful foliage and sends up slender stems bearing erect, cup-like, bright blue flowers throughout most of the summer.
- C. garganica.** Dense tufts of bright, clear, holly-like foliage, starred all over in early summer with bright lavender-blue flowers. Very charming. 35 cts. each; \$3.50 per doz.
- C. muralis (C. Portenschlagiana).** A lovely trailing plant with drooping bells of bright lavender-blue most of the season. 35 cts. each; \$3.50 per doz.
- C. rotundifolia.** The famous Blue Bells of Scotland. Foliage compact. The bright blue bells hang from slender, erect stems.
- DIANTHUS alpinus.** A choice rock-garden species making low rosettes of bright green foliage with very large bright pink flowers. 35 cts. each; \$3.50 per doz.
- D. arenarius.** Matted creeper with grass-like foliage and pure white, very ragged, fragrant flowers.
- D. cæsius.** Dense, matted creeper with grassy foliage and innumerable erect, fragrant flowers in shades of pink and rose.
- D. deltoides.** Matted, creeping plants which spread rapidly and send up 12-inch stems bearing clusters of vivid pink flowers.
- EPIMEDIUM macranthum.** Excellent dwarf, half-shrubby plants for shady or half-shady places. Foliage very beautiful. Flowers are charming miniatures of rare orchids. Colors vary from rosy brown, lilac and yellow to white.
- GYPSOPHILA repens.** A charming trailing plant with misty white or pale pink flowers all summer.
- HELIANTHEMUM macranthum.** Dwarf, evergreen shrub with large, pure white flowers like tiny white roses. Very effective rock-plant.
- HEPATICA triloba.** A charming native plant, excellent for shady places, with broad, leathery evergreen foliage and bright lavender-blue flowers early in spring.
- HEUCHERA sanguinea.** Extremely graceful plants for sun or semi-shade. The foliage is gathered into a loose tuft; bright red flowers, delicately poised on slender 12-inch stems.
- IBERIS gibraltarica.** Low, shrubby plants about a foot high, smothered in spring with clusters of lilac-colored flowers.
- I. sempervirens.** Stunning half-shrubs a foot or more high, densely covered in spring with a mass of snow-white flowers.
- IRIS cristata.** A very dwarf, early-blooming Iris with exquisitely beautiful sky-blue flowers.
- LINARIA alpina.** Gray-leaved alpine with innumerable violet and blue flowers like miniature snapdragons. 35 cts. each; \$3.50 per doz.
- NIEREMBERGIA rivularis.** *White-Cup.* A superb ground-cover for moist, sunny places, making a dense mat of dark green foliage on which sit snow-white cups with yellow centers. 35 cts. each; \$3.50 per doz.
- PAPAVER alpinum.** The Alpine Poppy makes little tufts of foliage from which, all summer, rise slender stems bearing beautiful silky blossoms in shades of cream and yellow. 35 cts. each; \$3.50 per doz.
- PHLOX subulata alba.** A lovely, early-flowering, creeping plant with mossy foliage and dazzling white flowers.
- P. subulata lilacina.** Clear, light lavender-blue flowers.
- P. subulata, Vivid.** Gorgeous, bright rose-colored flowers.
- PLUMBAGO Larpentæ.** Deep blue flowers on 1-foot plants in August and September.
- POLEMONIUM reptans.** A lovely creeper with beautiful foliage and clusters of bright blue flowers.
- PRIMULA veris.** Bright golden yellow flowers sometimes tinged with brown. For shady places. 35 cts. each; \$3.50 per doz.
- SEDUM album.** A vigorous, spreading creeper with bronzy foliage and clusters of tiny white flowers.
- S. dasyphyllum.** Exceedingly dwarf, gray-green plant of great beauty. Flowers pinkish white. 35 cts. each; \$3.50 per doz.
- S. sexangulare.** Very dainty mossy plant with yellow flowers.
- S. Sieboldi.** A charming decumbent with flat, gray-green leaves edged with pink. Flowers bright rose in November.
- S. spectabile.** Bold, fleshy-leaved plants, with broad heads of dull rose-colored flowers. Excellent for strong effects.
- SILENE Schafta.** Dwarf, leafy plant with erect stems bearing bright rose-colored flowers in late summer.
- THYMUS citriodorus.** A densely matted creeper with strongly lemon-scented foliage.
- T. Serpyllum album.** Exceedingly lovely bright green creeper studded all over with pearly white flowers.
- T. Serpyllum coccineus.** Very dwarf plants with bronzy foliage and purplish pink flowers. Especially fine in winter.
- T. Serpyllum lanuginosus.** Dense creeper with woolly gray foliage tinged with lilac and purple in winter.
- TUNICA Saxifraga.** Indestructible rock-plant with tufts of grassy foliage and loose, misty sprays of pinkish white flowers.
- VERONICA repens.** Low, matted creeper excellent for crevices and flagging. Flowers are bright blue, in erect spikes.
- V. Teucrium, Royal Blue.** Superb trailer; blue flower-spikes.

WILLIAM C. DUCKHAM, MADISON, N. J.



Helianthemum



Arabis alpina



Thymus



Alyssum saxatile



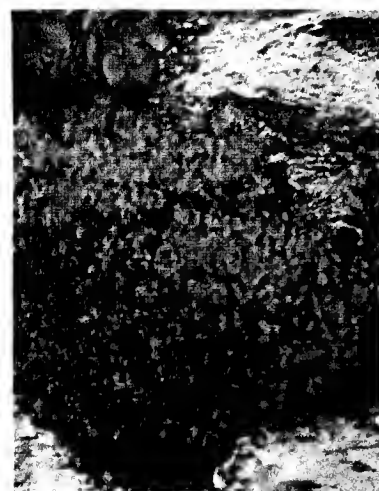
Campanula carpatica



Phlox subulata, Vivid



Arenaria montana



Veronica Teucrium



Aubrietia



Iberis sempervirens



Hepatica



Sedum spectabile



Alyssum serpyllifolium



Aster, Mauve Cushion



Dianthus cæsius



Iris cristata

DEPENDABLE HARDY PLANTS

Floral Authorities Know Where the Loveliest Perennials Are Bred

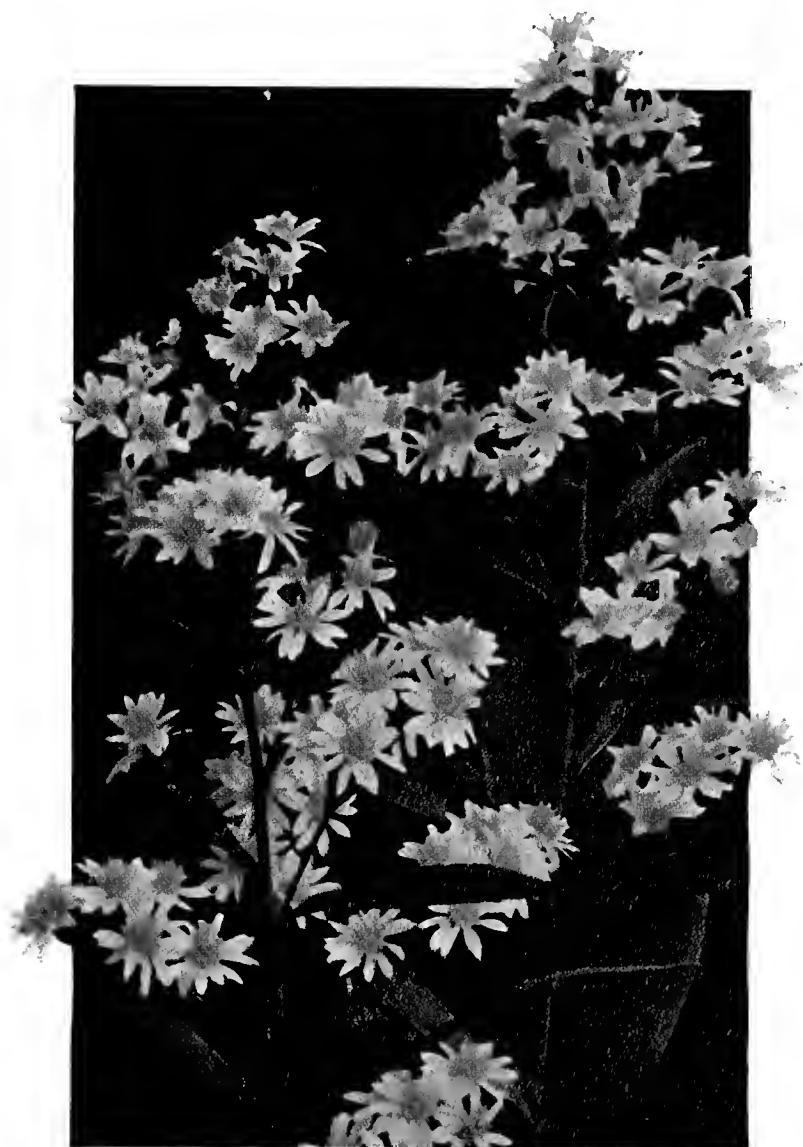
A flower cannot announce its source; a plant has no voice by which to declare its pedigree. Duckham productions have become famed, not by sign-posts, but by the praise and recommendation of home-gardeners and flower-lovers who are quick to recognize distinction in the garden.

Many horticulturists and expert gardeners on private estates know, from their own remarkable achievements, the superior merit of Duckham Delphiniums, Duckham Hardy Roses, and other Duckham Perennials.

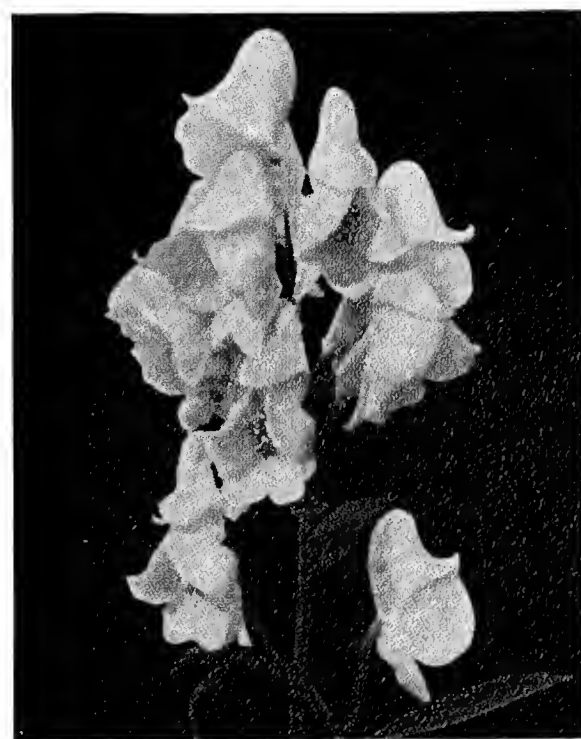
Time tests all things, and Duckham productions have proved their patrician grace and beauty season upon season, unfolding in exquisite shapeliness their full-promised profusion and color-eloquence. So, to-day, the informed flower-lover who views the superb blooms of perennials in the fine gardens of the country, from coast to coast, is apt to take for granted that they were derived from the Duckham Greenhouses and Proving-Grounds.



Aquilegia. 40 cts. each



Aster hybridus luteus. 35 cts. each



Aconitum. 40 cts. each

WILLIAM C. DUCKHAM, MADISON, N. J.

Hardy Perennial Plants

The following Hardy Perennial Plants are recommended for your consideration and trial, for they fully merit a place in your flower borders. They embrace the very finest types and novel colors in their respective classes. Many are my exclusive introductions. The generous, big field-clumps which I send out should furnish abundant bloom the first year, fulfilling their purpose in realizing the color schemes already planned and anxiously awaited.

Rock-Garden Plants are separately listed on page 7.

ACHILLEA (Milfoil) Ptarmica, The Pearl. Indispensable in every border, both for grace and usefulness for indoor decoration. The small, clustered flowers are pure white and literally smother the foliage by their profusion. 2 feet. June to September. 35 cts. each; \$3.50 per doz.

A., Perry's White. A choice variety for cutting and an excellent filler. The flowers are the whitest of all Achilleas, and an outstanding favorite with florists for summer flowers. 1 to 2 feet. June to August. 25 cts. each; \$2.50 per doz.

ACONITUM (Monkshood) Fischeri. A very attractive, erect, hardy plant, with odd blue and white flowers in autumn. Not unlike the delphiniums in general effect, but not nearly so large or so tall. Particularly good in shady borders. 40 cts. each; \$4 per doz.

A. napellus bicolor. This is one of the tallest and finest of the Aconites, and a fine subject to group among the rear plants in the border. Grows 4 feet high with huge spikes of blue and white flowers from June to August. 40 cts. each; \$4 per doz.

A. napellus, Sparks' Variety. A tall variety with branching spikes of blue flowers. The darkest Aconitum, and has a long flowering period. 5 to 6 feet. July, August. 40 cts. each; \$4 per doz.

ALLWOODI. Everblooming Hardy Pinks. This new race of the Dianthus family flowers perpetually during spring, summer, and autumn. No plant is hardier or of easier cultivation, and its free-flowering qualities have rendered it exceedingly popular. The flowers range through many shades of light, medium and dark pink and crimson, and all are deliciously fragrant. Mixed, 35 cts. each; \$3.50 per doz.

ALYSSUM. Madwort. Two charming varieties are described among the Rock-Plants, page 7.

ANCHUSA italica, Dropmore Variety. A large, spreading, bushy plant, requiring plenty of room to develop its great beauty. This variety is a great improvement on the old type and extremely vigorous. Its flowers are deepest blue, borne in immense sprays. 4 to 5 feet. May to July. 30 cts. each; 65 cts. for 3.

A. myosotidiflora. Surpassingly fine ground-cover plant with large, broad leaves topped by graceful panicles of bright blue flowers resembling forget-me-nots. Excellent in shady places. April, May. 50 cts. each; \$5 per doz.

ANTHEMIS tinctoria. Hardy Marguerite. Deep golden yellow, daisy-like flowers, ideal for decorative purposes. 1½ to 2 feet. June to September. 35 cts. each; \$3 per doz.

ANEMONE hupehensis. Early Anemone. Sturdy, dwarf Anemone, 1½ to 2 feet high, and resembling the Japanese Anemone in many respects, but blooms earlier, is not so tall, and much more richly colored. It is a fine plant for very large rock-gardens and comes into bloom in early August, continuing until frost. It will succeed in half-shady places. We recommend it especially for perennial borders and for cut-flowers. 50 cts. each; \$5 per doz.

A. japonica alba. Single, pure white flowers, showing yellow anthers, from late September on.

A. japonica, Queen Charlotte. Large, semi-double, bright pink flowers, broad and perfectly formed, abundantly produced in September. Fine for cutting.

A. japonica rosea superba. Large, single, light silvery pink flowers in late September.

A. japonica, Whirlwind. Semi-double, large, snowy white flowers profusely produced from late September on.

A., September Charm. Delicate silvery pink flowers shaded with rose and mauve, coming into full bloom by September 20. 50 cts. each; \$5 per doz.

All Anemones, 35 cts. each; \$3.50 per doz., except where noted

AQUILEGIA (Columbine), New English Improved Long-spurred. With their odd shapes and delightful color shadings, Columbines rank high among the best hardy garden plants. They thrive almost anywhere but prefer a partially shady and moist position. This strain is, perhaps, the best and most beautiful in existence, having flowers with very long spurs and most charming colors, including Pink, Blue, Lavender, Red, Cream, and White—all decidedly new and interesting. 40 cts. each; \$1.10 for 3; \$3.75 per doz.

ARABIS alpina. Offered under Rock-Plants on page 7.

ARMERIA Lauchena. Offered under Rock-Plants on page 7.

A., Silver King. Unquestionably one of the best all-round decorative plants. Its bright silvery stems and foliage are of great value as a filler for bouquets, sprays, baskets, and all sorts of floral combinations. By cutting and drying the stems it is very valuable in the winter. A very showy border plant 30 inches high. 35 cts. each; \$3.50 per doz.

ASTERS, Hardy. Michaelmas Daisies. The many species, widely distinct from each other in habit and form, are, with a few exceptions, all native of North America. It is in Europe, however, that our Asters have been most highly appreciated. Many improvements have been made by European growers, and many hybrid forms have been produced by crossing the different species.

A., Duckham's Celestial Queen. A vigorous, well-branched Michaelmas Daisy of medium growth that simply covers itself with a cloak of thickly massed, lavender-blue flowers. The individual flowers average 1½ to 2 inches in diameter and form very large flower-heads. A splendid and most desirable color for the fall garden or for cutting. 75 cts. each; \$6 per doz.

A., Barr's Pink. A lovely light mallow-pink with stiff petals and a brilliant golden center, growing from 3 to 4 feet high.

A., Blue Gem. Clear blue flowers with large yellow center, borne in large trusses.

A., British Queen. A soft lavender-blue, semi-double, unusually large open flower with pale yellow center. Vigorous-growing, well-branched plant that comes into bloom early in September. Height about 4 feet. Excellent for cutting and decorations.

A., Climax. Plants branching, covered in fall with lovely lavender-blue flowers 1 to 2 inches in diameter. 4 to 5 feet. August to October.

A. hybridus luteus. New Hybrid Yellow Aster. Quite a new departure in color—a clear yellow shade. Rather small flowers gracefully arranged in large, long-stemmed trusses.

A., New Pink. Large, bright rosy pink flowers. Plant of free-branching habit. A charming new color in hardy Asters.

A., Skylands Queen. (New.) Extremely large heads of rich blue flowers. Very bushy and compact. Dwarfier than Celestial Queen.

A., White Climax. (New.) Like Climax, but pure white. 4 to 5 feet. August to October.

A., Wonder of Staefa. Superb new border Aster with bluish lavender flowers, 2 inches across, produced in lovely profusion on 2-foot plants from August until frost. 35 cts. each; \$3.50 per doz.

All Asters, 35 cts. each; \$3 per doz., except where noted

AUBRIETIA HYBRIDS. Described and offered on page 7.

BOLTONIA latisquama. Flowers resemble large white daisies or single asters and are borne in great profusion. 4 to 6 feet. July to October. 45 cts. each; \$1 for 3; \$3.50 per doz.

WILLIAM C. DUCKHAM, MADISON, N. J.

Hardy Perennial Plants

BUDDLEIA (Butterfly Bush) *Davidi Veitchiana*. In mild climates this is really a hardy shrub, but it may also be classed as herbaceous. Each spring it throws out vigorous growths that terminate in fall in tapering spikes of a beautiful lavender-mauve shade. Give it plenty of room. Strong roots, 50 cts. each; \$1.25 for 3.

B., Ile de France. (New.) Richest and darkest of its race. The flowers are glowing claret-purple, packed into thick spikes a foot long. Very vigorous bushes and extremely free flowering. See illustration in color on page 17. 75 cts. each; \$7.50 per doz.

CAMPANULA (Bellflower). A very important class of plants varying in height, all beautiful and easy to cultivate.

C. Medium. *Canterbury Bells*. Old-fashioned, well-known, biennial plants of inexpressible loveliness, indispensable in every hardy plant border. 2 feet. June, July. **Double Rose, Single Blue, or Double Blue.** 65 cts. for 3; \$2.50 per doz.

C. persicifolia. *Peach-Bell*. Broad, single, purple, bell-shaped flowers arranged along a tall and very graceful spike. 2 to 3 feet. June, July. \$1 for 3; \$3 per doz.

C. persicifolia alba. White flowers of even greater charm than the type. 35 cts. each; \$3 per doz.

C. persicifolia, Lavender Queen. Flowers are exquisite lavender-blue. 35 cts. each; \$3.50 per doz.

CARNATION, Chabaud's. Very fine, double, fragrant flowers of mixed colors. Fine for cutting. Hardy. 35 cts. each; \$3.50 per doz.

CARYOPTERIS mastacanthus. *Blue Spirea*. A handsome dwarf shrub about 3 feet high bearing foamy lavender-blue flowers in great profusion from early in September until cut by frost. 50 cts. each; \$5 per doz.

CENTAUREA montana. *Perennial Cornflower*. Grows 2 feet high, bearing large, violet-blue flowers from July to September. 35 cts. each; \$3.50 per doz.

Hardy Garden Chrysanthemums

A proper selection of Hardy Chrysanthemums prolongs the flowering season in the garden many weeks beyond its usual close. The borders will glow with color in October and November if a collection of well-chosen Hardy Chrysanthemums has been planted. Great strides have been made in the past few years in the development of brightly colored, early-flowering types which escape the severe frosts by blooming earlier than the varieties of several years ago. We offer a choice collection. The pot-plants which we send out, although not very large, will positively bloom the first season if planted in a reasonably rich, light, well-drained soil and given reasonable cultivation throughout the summer.

Barbara Cumming. Attractive, large, full flowers of shining yellow, shaded to orange-bronze. Blooms from August until late October. 25 cts. each; \$2.50 per doz.; \$15 per 100.

Cavalier. A dazzling, single, rich vermilion-red variety which does not fade. Free flowering, of fine, robust, branching habit, and makes a gorgeous display from October 15 on. \$3 per doz.; \$20 per 100.

Dazzler. An informal, single variety, with whirling, ragged petals of dazzling scarlet. Unbeatable for late display. Blooms from middle of October on. 25 cts. each; \$2.50 per doz.

Donald Wells. A superb, large-flowering, single white variety. Begins blooming in early October and continues beyond the first frost. 25 cts. each; \$2.50 per doz.

Early Bronze. Charming dwarf variety with huge sprays of medium-sized, bright coppery bronze flowers which pale to buff-yellow as they develop. 25 cts. each; \$2.50 per doz.

Granny Scovill. Lovely flowers, 4½ inches across, of nice, fluffy form. Color is warm coral-bronze. Dwarf, branching grower 2 feet high, with healthy foliage. In full bloom October 10. \$3 per doz.; \$20 per 100.

Gypsy Girl. Charming single type with a wide frill of brilliant crimson petals shading to chestnut. Very prolific, blooming from early October until mid-November. 25 cts. each; \$2.50 per doz.; \$15 per 100.

WILLIAM C. DUCKHAM, MADISON, N. J.

HARDY GARDEN CHRYSANTHEMUMS, continued

Innocence. A very dwarf, bushy type, useful in massing, bordering, or grouping. Seldom more than 1½ feet high and spreads about 2 feet. The single, pure white flowers are 2½ inches across and are produced in great abundance; as they age they turn pink. \$3 per doz.; \$20 per 100.

October Dawn. Large, full-petaled flowers of soft daybreak-pink, free from blends or contrasting tints. Begins blooming in early October and continues until frost. 35 cts. each; \$3.50 per doz.

October Girl. Charming variety with large, single or double flowers of sparkling rose-pink, shaded with cream and lavender. One of the most prolific varieties we have ever seen. Begins blooming in early October, continuing until freezing weather. 25 cts. each; \$2.50 per doz.

R. Marion Hatton. A superb variety for massed planting, providing a most profuse display of rather small, double, clear light yellow flowers of great beauty from late September until freezing weather. 35 cts. each; \$3.50 per doz.

Ruth Hatton. An exquisitely beautiful, rather small, double, white-flowered variety which blooms in extraordinary profusion from early October on. 25 cts. each; \$2.50 per doz.

September Queen. An extra-early pure white variety with large, single, aster-like flowers. 25 cts. each; \$2.50 per doz.

Yellow Normandy. An early-flowering, pure soft yellow Pompon type which is deservedly popular. 25 cts. each; \$2.50 per doz.; \$18 per 100.

Chrysanthemum arcticum. A bushy, spreading, white-flowered daisy a little more than a foot high, and covered with a dazzling profusion of snow-white flowers in early autumn. Excellent for dry, sunny places. 30 cts. each; \$3 per doz.

C. coreanum. A relatively new, extremely hardy, pure white daisy from eastern Asia. It has interesting, compact foliage from which arise 2-foot, branching stems bearing huge sprays of dazzling white flowers in early autumn. One of the finest decorative border plants that we know for sunny places. 35 cts. each; \$3.50 per doz.

C. leucanthemum. This is the original form of the Shasta Daisy. A graceful, long-stemmed, snow-white flower borne in profusion in midsummer. 30 cts. each; \$3 per doz.

C. maximum (Shasta Daisy), King Edward VII. Pure white flowers of fine form with luminous golden centers. It thrives almost anywhere, and provides quantities of blooms for indoor decoration. 2 to 3 feet. June to August. 35 cts. each; \$3.50 per doz.

CIMICIFUGA racemosa simplex. *Bugbane*. This handsome plant should not be overlooked as it is, without doubt, one of the most beautiful perennials. The dense spikes of feathery white flowers are borne on tall, graceful stems 3 to 4 feet high, making them excellent for cutting and ideal for vases. Grows best in half-shade. 75 cts. each; \$65 per 100.

CLEMATIS, Climbing, Large-flowering. No other climbing plant equals in attractiveness the beautiful large-flowering Clematis. Proper conditions must be given to secure satisfactory results.

C. Henryi. White; large. 2-year plants, \$1 each; \$10 per doz.

C. Jackmani. The popular purple variety. 2-year plants, \$1 each; \$10 per doz.

C., Anemone-flowering (C. montana undulata). This new Clematis is a gem among climbing plants. It is a strong, vigorous grower, perfectly hardy, disease- and insect-proof, and will succeed and flourish under the most adverse conditions. The anemone-like, white blooms, flushed mauve-pink, 1½ to 2 inches in diameter, expand the last week in April, about the time when wisterias have finished, continuing through May in great profusion. The best spring-flowering climber, of which there are few. Strong, 1-year, field-grown plants, 75 cts. each; \$7.50 per doz.

COREOPSIS grandiflora. Large, orange-yellow flowers on long, graceful stems. One of the best yellow cut-flowers; blooms incessantly. 2 feet. 25 cts. each; 65 cts. for 3; \$2.50 per doz.



GRANNY SCOVILL

This is one of the new type of Garden Chrysanthemums which is creating a genuine sensation in the flower world. It is one of the largest types yet produced which will grow and bloom early enough to be of value in the garden.

There is a great deal of interest in Chrysanthemums developing among amateurs, and splendid new types are coming into commerce. You will always be able to get the finest new Chrysanthemums from Duckham's, and if we do not list what you want in this Catalogue, ask for it. \$3 per doz.

IT HAS been well said that a mansion alone does not make a home. The outer symbols of stone and stucco, brick and bronze, wood and window cannot of themselves radiate the spirit of family charm. But of all external forms of embellishment, the presence of a beautiful flower-garden does most to inspire appreciation of home as a place of peaceful privacy, a colorful retreat from the combats of life, a cheerful landscape for our family and friends.

Out of the soil upon which our house is builded, we may create a picture of floral wonder by our own hands. We may write upon the common earth a story of petaled beauty in ever-varied serials as the months and years roll by. We may put into plantings our unuttered thoughts and watch the Great Magician,

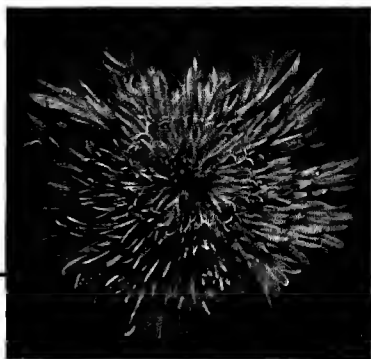


Japanese Iris. 75 cts. each

Nature, transform them into living, fragrant flowers.

And out of our garden planning we shall earn for ourselves and those about us, whether our dwelling be castle or cottage, a deeper pleasure, a larger contentment, a richer pride of home. For a garden beautiful adds majesty and elegance, harmony and hospitality. It is the one luxury that deserves to be classified as a necessity, for it helps to make the house a home.

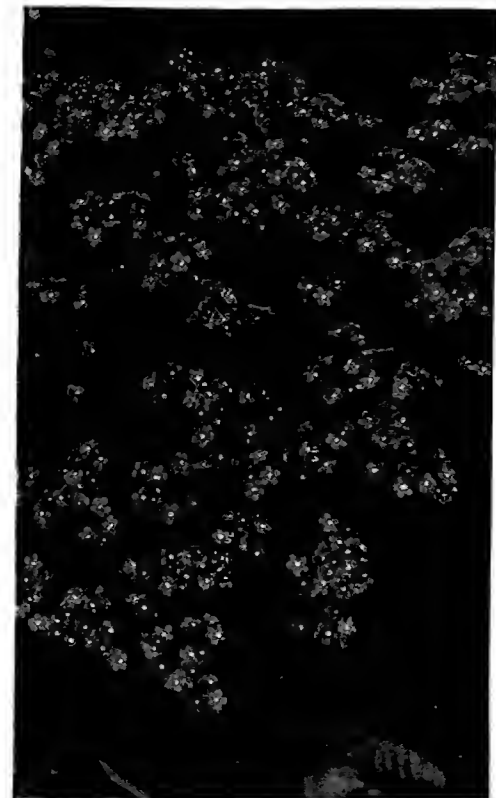
Duckham floral plants, particularly our famed Delphiniums and Hardy Roses, are contributing in no small way to the home-appeal of many thousands of families throughout the country. Our offerings for 1934, more abundantly than ever, promise you the joys of a lovely garden.



Stokesia laevis lilacina grandiflora
One-half natural size. 35 cts. each



Gaillardia, Sun God
One-half natural size. \$3 per doz.



Anchusa myosotidiflora. 50 cts. each



Hollyhocks. 35 cts. each



Viola, Jersey Gem. 35 cts. each



Pyrethrum. 40 cts. each

PYRETHRUM

Among the early summer perennials none is more popular than the graceful, long-stemmed, colored daisies known as Pyrethrums. The plants are vigorous and hardy, and we have made a special effort to collect and propagate only the finest forms and the most brilliant colors in single, semi-double, and crested types.



Salvia farinacea. 40 cts. each



Anemone, September Charm. 50 cts. each

Hardy Perennial Plants

COTONEASTER horizontalis. Curious, dwarf shrub of spreading habit. Fine for rockeries. It is covered with brilliant red berries in autumn and winter. Pot-grown plants, \$1.50 each.

CYNOGLOSSUM coelestinum. Salvia-blue; extra large, and good color. 40 cts. each; \$4 per doz.

DAPHNE Cneorum. *Garland Flower.* Most attractive, dwarf, bushy evergreen shrub, producing richly perfumed, rose-pink blossoms during May and August. See illustration in color on page 16. 75 cts. each; \$8 per doz. and up, according to size.

DELPHINIUM. See pages 3 to 5; also Larkspur on page 15.

DIANTHUS (Hardy Pink), Beatrix. A new and beautiful hybrid, having double, soft pink flowers. Blooms from June until October. 50 cts. each; \$5 per doz.

D. laciniatus, Lucifer. Double; orange-scarlet. 50 cts. each; \$5 per doz.

D., Mrs. Sinkins. The genuine, old-fashioned, double, white, English border Pink. 35 cts. each; \$3.50 per doz.

D., Plumarius Hybrids. The old-fashioned clove-scented Pinks. Colors from white to deep rose, with beautiful fringed petals; very fragrant. 25 cts. each; \$2.50 per doz.

Other fine Pinks are offered on page 7

DICENTRA spectabilis. *Bleeding-Heart.* A very popular old-fashioned border plant with beautiful foliage and long, drooping sprays of pretty pink, heart-shaped blooms. 1½ feet. May, June. 50 cts. each; \$5 per doz.

DIGITALIS. *Foxglove.* The tall flower-spikes of the Foxglove are particularly handsome when grown among shrubbery or naturalized in odd places in bold masses. 3 to 4 feet. July, August. **Spotted Varieties, Alba (White), Gloxiniaeflora, and The Shirley.** 35 cts. each; \$3.50 per doz.

DORONICUM magnificum. *Leopard's-Bane.* Very attractive early yellow daisy with large flowers on stiff stems. Useful for cutting. 1½ to 2 feet. May, June. 35 cts. each; \$3.50 per doz.

ENGLISH IVY. Pot-grown plants, \$25 per 100.

EUPATORIUM coelestinum. *Mist Flower.* One of the finest hardy plants with heads of light purple flowers similar to *ageratum*; in flower from August until frost. Good cut-flower. 1 to 2 feet. 40 cts. each; \$4 per doz.

EUPHORBIA corollata. *Flowering Spurge.* Showy and useful native plant growing about 1½ feet high, and bearing from June till August great sprays of tiny pure white flowers with a small green eye. 40 cts. each; \$4 per doz.

NEW YELLOW GAILLARDIA, SUN GOD. Outstanding novelty offered for the first time this year. A perennial of superb garden habit, having huge 4-inch flowers of brilliant yellow with a deeper and more luminous golden center. The stems are rigid, wiry, clean-cut, often 2 feet or more tall. Its free-flowering habit makes it a splendid acquisition to the garden and a grand cut-flower. It blooms freely from late June until the end of the season. \$3 per doz.; \$20 per 100.

GAILLARDIA, Duckham's New Hybrids. Blanket Flower. The Gaillardias, among the most successful of hardy perennials, give a most striking effect when planted in bold groups or in a bed by themselves, and are equally effective in mixed borders. They seem to thrive in extreme drought and the greater the scarcity of other flowers, the more their utility is demonstrated. They bloom perpetually from June to November. 50 cts. each; \$1.25 for 3; \$4.50 per doz.

G., Dazzler. Large, bright golden yellow flowers with rich maroon-red centers. 40 cts. each; \$3.75 per doz.

G., Pure Yellow. Very fine large flowers. 50 cts. each; \$4.50 per doz.

GEUM. Arens. Desirable for borders or rock-gardens. The flower-stems stand boldly over the prostrate, deep green foliage. 1 to 1½ feet. June to September.

G., Mrs. Bradshaw. Double, brilliant orange-scarlet flowers throughout the summer. 35 cts. each; \$3.50 per doz.

Geum, Lady Stratheden. (New.) Fine, double, yellow blooms of same type as Mrs. Bradshaw. 35 cts. each; \$3.50 per doz.

G., Orange Queen. A brilliant orange-scarlet. 35 cts. each; \$3.50 per doz.

GYPSOPHILA paniculata. Baby's Breath. A very valuable perennial because of its light, graceful form and the charm it adds to mixed bouquets of other flowers. The small blooms are borne in great quantities. 2 to 3 feet. July, August. 35 cts. each; \$3.75 per doz.

G. paniculata, Bristol Fairy. A very greatly improved Baby's Breath having flowers almost three times as large as the old *Paniculata*, and which remains pure snow-white under all conditions. One of the finest cut-flowers ever introduced to gardens. Strong, field-grown plants, 75 cts. each; \$7 per doz.

HELENIUM. Sneezewort. Showy autumn Daisies of great value for garden display in bold masses, and effective when cut. 3 to 4 feet. August, September.

H. autumnale rubrum. Splendid flowers of deep bronze-red, changing to terra-cotta. 5 to 6 feet. September. 40 cts. each; \$4 per doz.

H., Riverton Beauty. Long-stemmed, brownish crimson flowers. Very popular. 40 cts. each; \$1 for 3.

H., Riverton Gem. Produces a great profusion of bronzy orange flowers. 40 cts. each; \$1 for 3.

HELIANTHEMUM. Rock-Plant offered on page 7.

HELIANTHUS decapetalus multiflorus. The graceful flowers of this fine hardy Sunflower are deep golden yellow and very attractive. Plants 6 to 8 feet tall. June to September. 30 cts. each; \$3 per doz.

HEUCHERA. Coral Bells. Charming plants for the border, or a half-shady place. The well-known red variety is a good rock-plant.

H. sanguinea. Graceful spikes of dazzling crimson flowers in greatest profusion. 1½ feet. 50 cts. each; \$5 per doz.

HOLLYHOCK, Duckham's Improved Strain. My strain is indeed very wonderful, with extremely large, double flowers in unusual colors. 6 to 8 feet. July to September. **Rich Crimson, Bright Rose, White, Scarlet, and Salmon-Rose.** 35 cts. each; \$3.50 per doz.

IBERIS. Candytuft. Rock-Plant offered on page 7.

IRIS, GERMAN. Fleur de Lis. These popular flowers like well-drained soil and plenty of sunlight. Massed on the edge of the border or near the brinks of ponds or streams, the effect is remarkably fine. I offer them in five separate shades selected from the better named varieties.

Light Blue and Lavender	Deep Blue and Violet
Bronze Shades	Yellow Shades
White and Light Shades	

65 cts. for 3; \$2.50 per doz.; \$15 per 100

Dauntless. Superb new Bearded Iris with crimson falls and standards shaded with rich wine-red. One of the finest red Irises. \$10 each.

IRIS, JAPANESE (I. Kaempferi). The varieties of this handsome species enjoy almost unlimited quantities of fertilizer and will develop sturdy growth and amazing blooms if they are given plenty of water. They are at their best in July.

Amethyst. Large, single flowers with broad petals of silky texture.

Betty F. Holmes. Very large; white.

Clarice Childs. Single; petunia-violet, yellow center, blue cast; large.

Francis E. Cleveland. Semi-double; blue; very large.

Grace Sperling. Very early; single; Hortense-violet.

Oriole. Double; claret-red, flamed white and blue; compact; medium size.

Painted Lady. Striped, tall, and free flowering. Flaring falls are beautifully veined and washed bright purple over a bluish white ground; erect, violet standards, edged white.

Violet Giant. Very large; deep violet.

All Japanese Irises, 75 cts. each; \$7.50 per doz.

WILLIAM C. DUCKHAM, MADISON, N. J.

Hardy Perennial Plants

LARKSPUR (*Delphinium*) *Belladonna*. The most continuous blooming and most useful *Delphinium* for cutting. The clear turquoise-blue of its flowers is not equaled for delicacy and beauty by any other flower. 35 cts. each; \$3.50 per doz.
L. Bellamosum. A dark blue form of the popular *Belladonna*. 35 cts. each; \$3.50 per doz.

See also pages 3 to 5

LAVANDULA vera. This, the true Sweet Lavender, grows about 1½ feet high and has delightfully fragrant blue flowers in July and August. 25 cts. each; \$2.50 per doz.

LIATRIS scariosa. *Blazing Star*; *Gayfeather*. Brilliant purple flowers in long showy spikes in September, much later than the others. A very imposing plant. 4 to 5 feet. 30 cts. each; 90 cts. for 3; \$3 per doz.

LILIUM candidum. *Madonna* or *Annunciation Lily*. This is the old-fashioned garden Lily, and one of the most beautiful. Ready in July and August. Fine companion to my hybrid delphiniums. 50 cts. each; \$5 per doz.; \$50 per 100.

L. elegans, *Leonard Joerg*. Rich apricot flowers, spotted black and maroon. A splendid hardy border Lily. 40 cts. each; \$4 per doz.

LILY-OF-THE-VALLEY (*Convallaria majalis*). This popular and fragrant ground-cover plant repays good treatment. Grand for massing near shrubs or along shaded borders. Strong field-clumps, 35 cts. each; \$3.50 per doz.

LINARIA. Rock-Plant offered on page 7.

LUPINUS, *New Polyphyllus Hybrids*, *Mixed*. *Lupine*. Both in the garden and as a cut-flower, the *Lupine* has always been a favorite. English plant hybridists, always busy with new things, have recently introduced a magnificent strain of new colors which includes many shades and delicate tints heretofore unknown in *Lupines*, including bronze, yellow, orange, pink, dark brown, and lavender. 50 cts. each; \$5 per doz.

LYCHNIS (*Campion*) *Arkwrighti*. Effective border plants with heads of bright orange, apricot, and scarlet flowers. 2 to 3 feet. 35 cts. each; \$3.50 per doz.

L. chalcidonica. Clusters of vivid scarlet flowers, blooming a long time. One of the brightest plants in the hardy border. 3 feet. 35 cts. each; \$3.50 per doz.

MYOSOTIS (*Forget-me-not*) *alpestris*, *Royal Blue*. The dainty *Forget-me-not* loves a cool, moist soil, and, like the pansy, blooms most freely in spring. It quickly establishes itself by self-seeding. *Royal Blue* is a rich deep blue of remarkable free-flowering habit. 6 to 12 inches. May. 25 cts. each; 65 cts. for 3; \$2.50 per doz.

NEPETA nervosa. An improved *Nepeta*. Trailing, aromatic plant with heads of clear light blue flowers. 30 cts. each; \$3 per doz.

N. Mussini. A trailing, aromatic plant with velvety gray-green foliage and heads of tall lavender-blue flowers. 30 cts. each; \$3 per doz.

NIEREMBERGIA. Rock-Plant offered on page 7.

PÆONIA. *Peony*. We have a fine collection of both single and double Chinese *Peonies* in many varieties and colors. Please write for list and prices.

PANSY. *Heartsease*. My strain of *Pansies* is well known, for I have taken no end of pains to develop it by careful "roguing" each year. Visitors at my trial-grounds proclaim it the best they have seen. 6 inches. April to October.

Light Blue	Purple	Bright Blue
Fire King	Golden Yellow Bedding	Dark Blue

All Pansies, \$1 per doz.; \$8 per 100

PAPAVER (*Poppy*) *nudicaule*, *Sunbeam Mixed*. *Iceland Poppy*. A beautiful class of hardy *Poppies*, bearing cup-shaped flowers, ranging in color from pure white to yellow and orange-scarlet, on long stems. 1 foot. May to August. 30 cts. each; \$3 per doz.

P. orientale. *Oriental Poppy*. The old *Oriental Poppy* is a well-known favorite and has no equal for brilliancy of color. 30 cts. each; \$3 per doz.

Papaver orientale, *Mrs. Perry*. Orange-apricot flowers. The best of all pink *Poppies*. 40 cts. each; \$4 per doz.

P. orientale, *Princess Ena*. Exquisite blooms of soft salmon-orange. Very charming. 50 cts. each; \$5 per doz.

P. alpinum. *Alpine Poppy*. Offered among *Rock-Plants*, page 7.

PENTSTEMON barbatus, *Coral Gem*. A fine border plant with 3-foot stems bearing tubular orange-scarlet flowers. Blooms all summer. 35 cts. each; \$3.50 per doz.

P. barbatus Torreyi. *Beard Tongue*. Tall spikes of brilliant scarlet flowers. A most charming and effective border plant. 4 feet. June to August. 35 cts. each; \$3.50 per doz.

PHLOX decussata. Hardy border *Phloxes* succeed in almost any soil enriched with manure in spring, and given an occasional soaking of water in hot weather.

P. decussata, *Enchantress*. (New.) Salmon-red.

P. decussata, *Firebrand*. Fiery red.

P. decussata, *Milly van Hoboken*. Bright pink.

P. decussata, *Mrs. Jenkins*. White; blooms early.

P. decussata, *The Queen*. Orchid-pink.

P. decussata, *Thor*. Deep salmon-pink.

P. decussata, *Wala*. Lovely white.

P. divaricata (*P. canadensis*). Fragrant, lavender flowers in clusters on stems 10 inches high. April and May. 30 cts. each; \$3 per doz.; \$20 per 100.

P. divaricata Laphami. A deep lavender-violet form of *P. divaricata*. The richest and darkest variety. About 1 foot high. April, May.

P. suffruticosa, *Miss Lingard*. A splendid border plant differing from the other *Phloxes* in its sturdy, rather dwarf stature. The erect stems grow about 2½ feet high and bear greatly elongated heads of many salver-shaped flowers in great profusion over a long period of time. It is at its best in the height of the *delphinium* season and combines beautifully with them.

All Phloxes, 35 cts. each; \$3.50 per doz., unless otherwise noted

PHYSALIS Francheti. *Chinese Lantern*. Bears fruits enclosed in enormous balloon-shaped orange-scarlet bags, like Chinese lanterns. Valuable for winter decoration. 2 feet. May, June. 35 cts. each; \$3.50 per doz.

PHYSOSTEGIA virginiana. Flowers about an inch long, on 4-foot spikes, varying in color from pale lilac-pink to white. 35 cts. each; \$3.50 per doz.

PLATYCODON (*Balloon Flower*) *grandiflorum*. Large, showy, deep blue flowers somewhat like *Campanula persicifolia*. 1½ feet. June, July. 25 cts. each; \$2.50 per doz.

P. grandiflorum album. White-flowered form of the above. Very beautiful. 25 cts. each; \$2.50 per doz.

PRIMULA (*Primrose*) *auricula*. Rosettes of smooth, gray leaves with heads of large, sweet-scented flowers in the richest of colors—golden yellows, warm purples, and maroons, each marked with a conspicuous eye. 40 cts. each; \$4 per doz.

P. polyanthus. *Gold-laced Primula*. Forms a beautiful rosette of large, rough leaves and bears clusters of ruffled flowers of fine form and rich colors, all laced handsomely with gold. 6 to 8 inches. May, June. 25 cts. each; \$2.50 per doz.

P. veris. Rock-Plant offered on page 7.

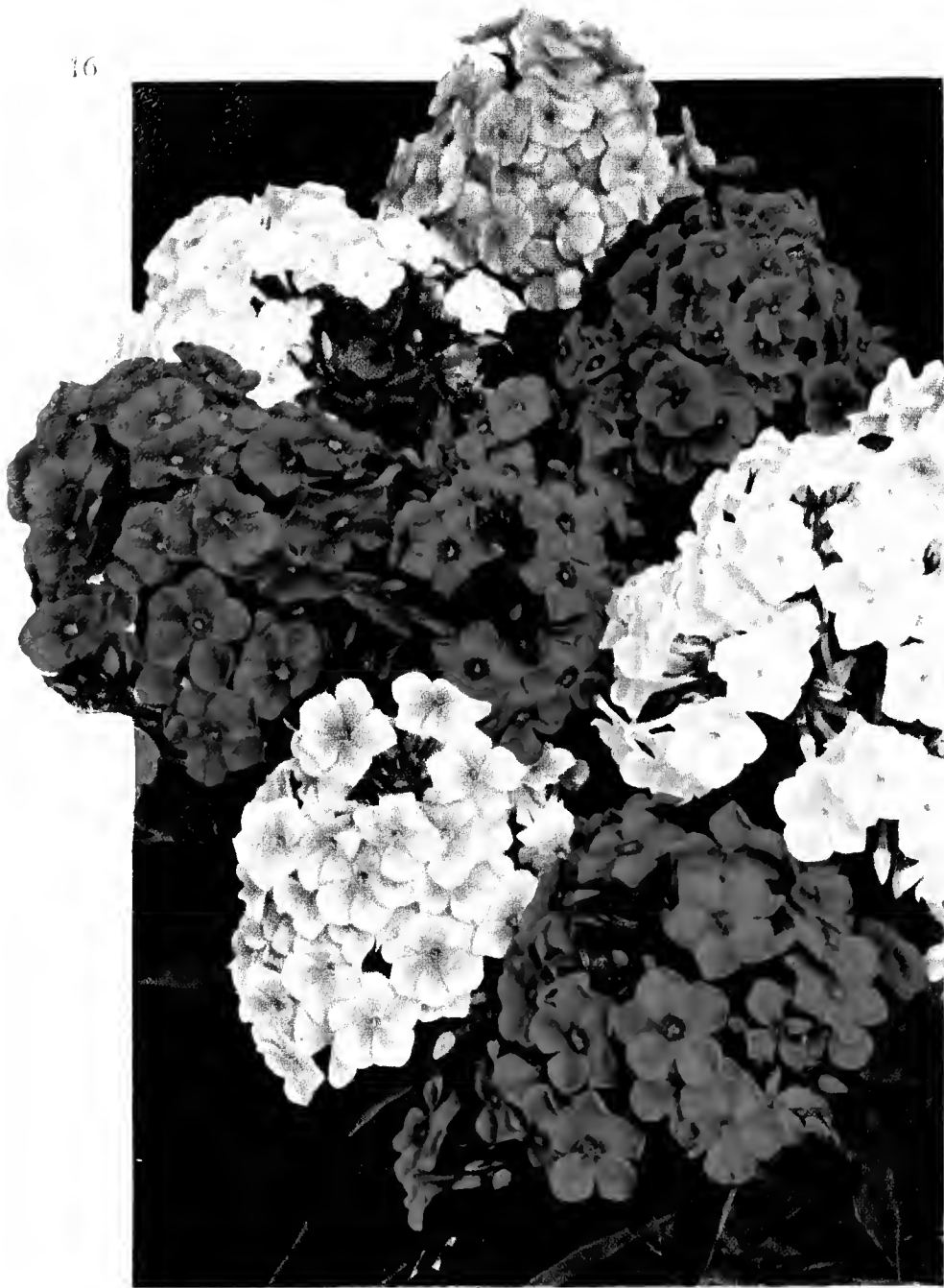
PYRETHRUM, *Duckham's New Hybrids*. *Persian Daisy*. For profusion of flowers in season, nothing can surpass the charming variety of the *Pyrethrums*. The mixed varieties I offer are especially rich in the charming pink shades. 2 to 3 feet. May to September. 40 cts. each; \$3.75 per doz.

RUDBECKIA purpurea. *Coneflower*. Peculiar reddish purple flowers like huge daisies. Thrives in ordinary soil. 3 feet. July to October. 35 cts. each; 90 cts. for 3; \$3.50 per doz.

SALVIA (*Sage*) *azurea*. The graceful flowers are a delightful shade of pale blue and come in graceful spikes. 3 feet. July to October. 40 cts. each; \$4 per doz.

S. Pitcheri. A form of *Azurea* with large, deep blue flowers 3 to 4 feet. August, September. 40 cts. each; \$4 per doz.

WILLIAM C. DUCKHAM, MADISON, N. J.



Perennial Phlox

Hardy Perennial Plants

SCABIOSA, Duckham's New Hybrids. An improvement on the old Scabiosa, both in form and color. Flowers are lavender and blue, like the shade of that extremely popular annual, Blue Lace Flower. Those who are familiar with the latter will surely want my new Scabiosas. The assortment also contains a liberal proportion of rich blue and white shades. 3 feet. June to September. 50 cts. each; \$5 per doz.

SEDUM. Stonecrop. Rock-Plants offered on page 7.

STOKESIA. Cornflower Aster. A most charming hardy perennial which, for many seasons, has been the most-admired flower on my grounds. The plants grow 1½ to 2 feet high, bearing freely, from early June until late in October, handsome lavender-blue centaurea-like blossoms, which measure from 4 to 5 inches across. It is of the easiest culture.

S. lævis. Beautiful light blue flowers. 25 cts. each; \$2.50 per doz.

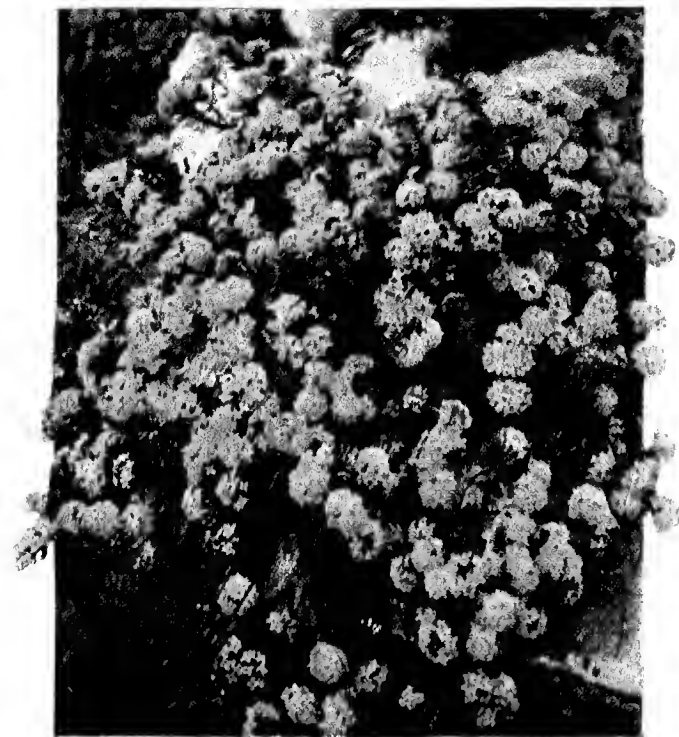
S. lævis lilacina grandiflora. A new Stokesia resembling *Scabiosa caucasica*, a silvery blue shade with flowers produced on 18 to 20-inch stems. 35 cts. each; \$3.50 per doz.

SWEET WILLIAM (*Dianthus barbatus*). An old-fashioned hardy perennial which should not be left out of the list of sweet-scented, old-fashioned flowers. **Scarlet Beauty** (brilliant scarlet), **Holborn Glory** (red), **Pink Beauty** (pink). 30 cts. each; 65 cts. for 3; \$2.50 per doz.

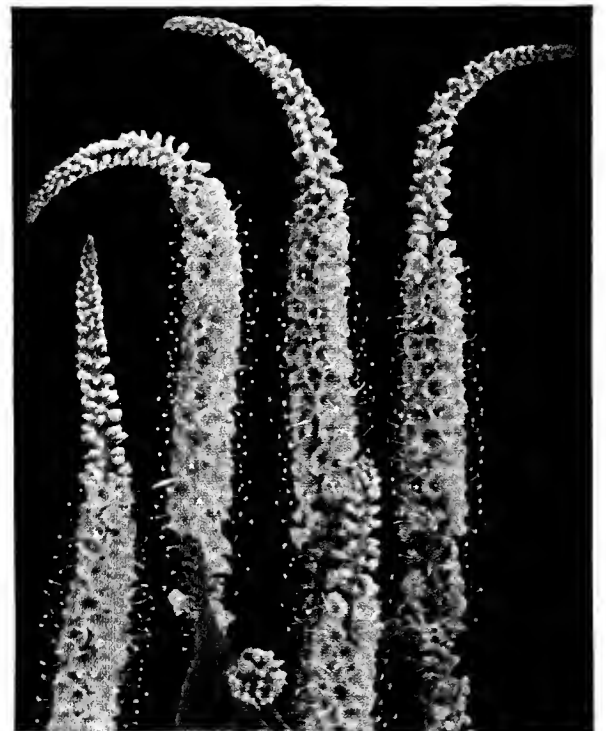
THALICTRUM (Meadow-Rue) adiantifolium. Leaves resemble maidenhair fern. Small yellow flowers. 1 foot. June, July. 30 cts. each; \$3 per doz.

T. dipterocarpum. Beautiful blue-gray leaves. Purplish yellow flowers with yellow stamens. July–October. 35 cts. each; \$3.50 per doz.

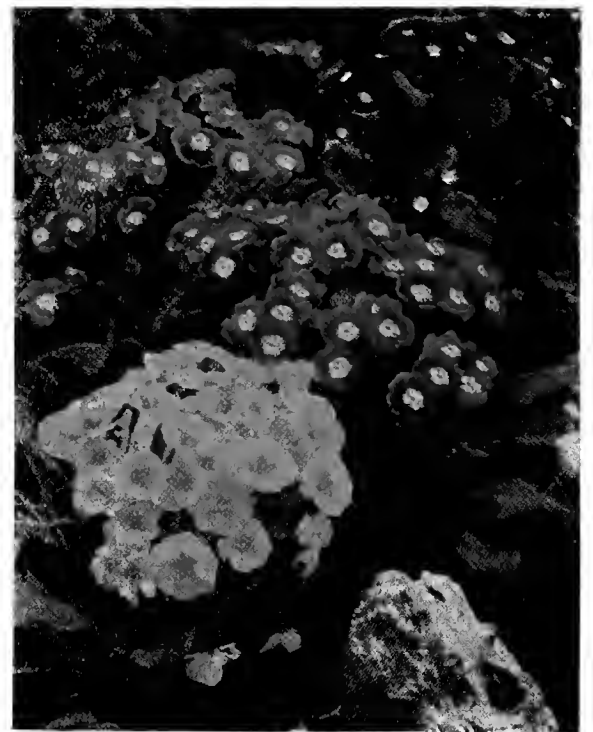
T. glaucum. Blue-gray leaves rather finely cut, with heads of Chinese yellow, fragrant flowers. 3 to 4 feet. July. 40 cts. each; \$4 per doz.



Daphne Cneorum. 75 cts. each



Veronica subsessilis. 30 cts. each



Primula polyanthus. 25 cts. each

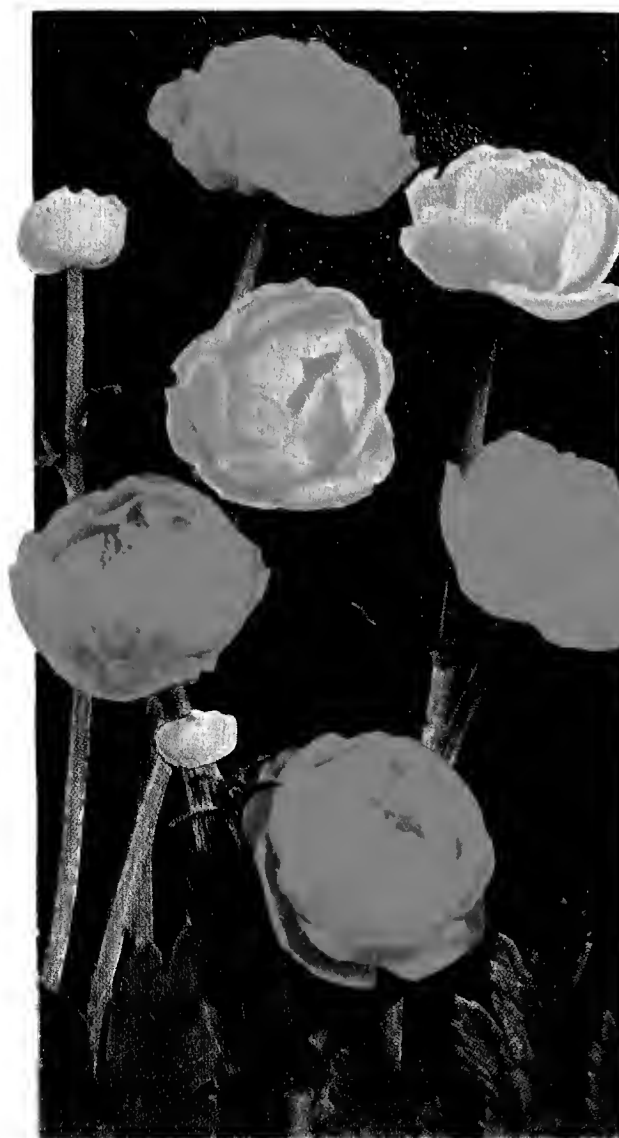
Hardy Perennial Plants

THERMOPSIS caroliniana. A fine plant, with clover-like foliage and long spikes of bright yellow, pea-shaped, lupine-like flowers. 4 feet. June, July. 50 cts. each; \$5 per doz.

THYMUS. *Thyme.* Rock-Plants offered on page 7.

TRITOMA, Duckham's New Hybrids, Mixed. *Flame Flower.*

A wonderful range of vivid as well as delicate pastel shades. Not the stiff, top-heavy form of the old Red-Hot Poker, but a long-stemmed, graceful, light flower-spice that adapts itself to all decorative schemes. Colors are yellow, orange, buff, scarlet, and crimson-salmon. Blooms from June to August. \$4.50 per doz.; \$30 per 100.



Trollius europæus, Orange Princess. 50 cts. each

TROLLIUS. *Globe Flower.* Beautiful, hardy border plants, with handsome, dark green foliage and showy yellow flowers from May to July. They are well adapted for half-shady or sunny positions and are fine for moist places and edges of water-gardens.

T., Earliest of All. (New.) Early, free-flowering, light orange-yellow Globe Flower that blooms before other varieties. 1½ feet. April, May. 50 cts. each; \$5 per doz.

T. europæus, Orange Princess. (New.) Extra-deep orange flowers in profusion. 2 feet. May, June. 50 cts. each; \$5 per doz.

VINCA minor. *Periwinkle.* A trailing, evergreen plant used extensively for carpeting the ground under shrubs or trees or where it is too shady for grass or other plants. Violet-blue flowers. 30 cts. each; \$3 per doz.

VERONICA. *Speedwell.* A family containing some of the most beautiful subjects for the hardy garden and rockery. Given a rich, well-drained soil in an open situation in full sun, they will thrive in an amazing manner.

V. subsessilis. One of the most attractive of all blue-flowering plants. Flowers intense deep blue, borne on stout, erect stems. 2 to 2½ feet. July. 30 cts. each; \$3 per doz.

Other varieties offered among Rock-Plants on page 7

VIOLA. These splendid small hardy plants are much prized for their quaint little flowers, each self-color having a delightful charm of its own.

V., Apricot Queen. Here we have a true Cornuta type in the beloved Viola, with a most unusual color. Continuous bloomer with a real credit mark for complete dependability. 35 cts. each; \$3.75 per doz.

V., Jersey Gem. A specially selected beautiful violet-blue variety which blooms unceasingly all season. A rare and choice sort. 35 cts. each; \$3.75 per doz.

COPYRIGHT 1932

New Butterfly Bush, Ile de France
75 cts. each



Special Offers of Hardy Plants

To enable such people to obtain the very best garden efforts, and to make the task of selection as easy as possible for those who have very little time to give to gardening, I shall be glad to select a group of 50 Hardy Perennials of the finest types, in lots of 5 of each kind, to make an adequate representation of each variety. Such a Collection will make a charming little garden from which an abundance of splendid flowers can be cut for house and table decoration from June until late autumn.

OFFER No. 1

50 Perennial Plants, carefully labeled and packed, our selection, for \$10 00

OFFER No. 2

75 Perennial Plants, carefully labeled and packed, our selection, for 14 50

OFFER No. 3

100 Perennial Plants, carefully labeled and packed, our selection, for 18 50

Arranging and Planting Hardy Flower Borders

Preparing the Ground. The ground for a Perennial bed should be spaded at least 8 to 10 inches deep, and twice that if the ground is at all poor. The best practice is to remove the top 8 inches of the ground entirely and spade into the bottom of the bed a liberal quantity of well-rotted manure or fertilizer, returning the top-soil after breaking it up very fine and mixing with a small amount of some effective artificial fertilizer. This work should be done several weeks in advance of planting the bed.

Planting. A gardener's trowel is the most practical tool for setting out plants of ordinary size. Before beginning it is well to lay the plants on the ground in the bed as they are indicated in the sketch or diagram, and then plant them as quickly as possible to prevent the roots from drying out. Always set plants just a little deeper than the old soil-line, and make the roots very firm in the ground. Loose planting is the cause of a great deal of loss.

Arrangement. In planting such borders, always give careful consideration to the height of the plants as indicated all through this Catalogue. Tall plants should be kept to the back of the border, those of medium height in the middle, while dwarf or smaller plants should be kept in the front. This should be varied a little, so that in some places tall plants come in the front of the border, partially concealing some lower plants beyond them. This device is especially effective in straight borders, adding a little air of mystery and surprise, such as is accomplished naturally in curved borders. The color of the flower is important, and the time of year in which they bloom is even more so. An effort should be made to have a few flowers in bloom throughout the border all season.

Winter Care. A light cover of dry litter, such as grass-clippings, leaves, or strawy manure is very beneficial after the first frost has nipped things down in late autumn. If manure is used, it may be raked in the ground in the spring, adding a very desirable element of fertility.

DUCKHAM'S SOIL-STERILIZER

Duckham's Electric Soil-Sterilizer fills an urgent need for a simple and practical method of sterilizing the soil before using it in seed-flats, since so many of the fungous diseases attack newly germinated seedlings. It operates entirely by electricity and will thoroughly sterilize enough soil for several seed-flats within two hours. The physical condition of the sterilized soil is greatly improved, all weed-seed is destroyed, the rate of germination is improved, damping off is completely controlled, and the ultimate stand of seedlings is from 40 to 90 per cent better than that from unsterilized soil. This practical and efficient appliance, equipped with 10 feet of electric cord and a high-grade thermometer, for \$59.50. Literature will be sent on request.



WILLIAM C. DUCKHAM, MADISON, N. J.

Duckham's Glorious Roses

EVERY year the list of new Roses grows larger and more confusing. Superb new varieties come into being and are jostled aside by dozens of other contestants for favor. But as the seasons pass, certain varieties take firm hold and stand out like rocks above a stream. To these established varieties, firmly fixed in public favor, the gardener must turn if he is to save himself from complete confusion. Realizing this, we have selected 12 outstanding Roses which are so good that the flood of new varieties has been unable to dislodge them from favor. We have made special arrangements to have these 12 selected Roses propagated in quantity, so that we can offer them to our customers at a reduced price for the whole collection. The beginning Rose-grower could not do better than to plant these as his first dozen, and those who wish an abundant all-season display would be wise to plant a half-dozen or so of these collections, thus insuring a steady supply of the most beautiful and perfect blooms.

BETTY UPRICHARD. A strong-growing, upstanding plant with brilliant coppery pink buds, opening to large, semi-double, salmon-pink flowers richly stained with fiery carmine on the back of the petals.

DUCHESS OF WELLINGTON. A fine old-timer with broad, branching stems and huge coppery yellow buds, opening to pale saffron-yellow flowers.

ETOILE DE HOLLANDE. The finest everblooming red Hybrid Tea Rose. Flowers vivid and fragrant. Bush strong.

JOANNA HILL. A new, long-stemmed, daintily shaped flower of golden yellow, shaded with apricot.

KAISERIN AUGUSTE VIKTORIA. Most beautiful of white Roses. Plants moderately vigorous. Flowers very double, deliciously scented, pure white, tinged with yellow in the center.

LADY ALICE STANLEY. An old favorite with large, shining pink, very double, richly fragrant flowers of handsome form. The bushes are sturdy and free blooming.

MRS. HENRY BOWLES. Stout, sturdy plants of erect habit, with large, fat buds of rich crimson, opening to deep glowing pink blooms of faultless form and exquisite perfume.

MRS. ERSKINE PEMBROKE THOM. Throughout the United States this is generally considered the best of all yellow garden Roses. Plants are thrifty, erect in habit, and produce in unbroken succession handsome golden yellow buds which open cleanly into well-shaped, clear yellow flowers that are fragrant and long lasting.

RADIANCE. Recognized throughout the whole United States as the easiest-growing, freest-blooming, bright pink Rose in existence.

RED RADIANCE. The perfect duplicate of Radiance except that the flowers are light cherry-red.

REV. F. PAGE-ROBERTS. Wide-spreading bushes with bronzy foliage and long, tapering buds of golden yellow, marked with copper and russet-brown. The open flowers are glowing yellow, sweetly scented, and exquisitely formed.

TALISMAN. This well-known florist's Rose has remarkable vigor in the garden, producing a steady succession of very brightly colored flowers throughout the season. Blooms vary from bright crimson and golden in the spring to shades of pink and cream and buff and orange to dazzling scarlet and yellow, according to the weather and season.

One strong plant of all 12 of these Roses for \$6.50

Everblooming Garden Roses

Our field-grown Rose-plants have been raised in America. They are all well-ripened, two-year-old bushes, budded on Multiflora understock which is renowned for hardiness and vigorous growth. They are the best of the crop.

All Roses in the following list, unless otherwise noted, are 75 cts. each; \$7.50 per doz.; \$65 per 100

Abbreviation HT., Hybrid Tea

AMELIA EARHART (President Charles Hain). HT. Plant Patent No. 63. A stunning new Rose from Belgium with immense, golden yellow buds and huge, exquisitely formed flowers, fragrant and full, of symmetrically arranged, delicately curled petals. Plants are thrifty and bloom with unusual freedom for so large a flower throughout the entire season. \$2 each.

BETTY. HT. I think this Rose has the loveliest buds of any variety I have ever seen. They are long, tapering, with exquisitely curled petals, tinted with soft shades of pinkish buff and copper. The open flower is very large and fluffy, almost creamy white, with a sheen of pale gold.

BETTY UPRICHARD. HT. A pretty combination of colors—inner face of petals delicate salmon-pink, outside glowing carmine, with coppery sheen and orange suffusion; well-formed, medium-sized flowers of good substance and sweet scented.

BRIARCLIFF. HT. Splendid, rich rose-pink without shading; fine long-pointed bud, opening to a beautifully modeled, shell-like flower. Vigorous and prolific.

COMTESSE VANDAL. HT. Plant Patent No. 38. This sensational Rose has created a great deal of excitement in the gardens of the country. Its exquisitely formed, long, bronze buds open to soft, silvery pink flowers, richly shaded with coral, salmon, and golden yellow tones. The plants are erect and vigorous, the stems long and strong. \$1.50 each.

DAME EDITH HELEN. HT. Perfect buds developing into wonderful flowers of immense size, produced singly throughout the season. The flowers are a brilliant yet soft pink, strongly sweet-scented, composed of very substantial broad petals which curl back prettily.

DUCHESS OF WELLINGTON. HT. For a long time I regarded this as the best yellow Rose in the world, and the old Duchess still has prettier buds and larger flowers than many newer varieties. It grows well, too, after it is once established.

EDEL. HT. Very large, well-built, stately blooms of pure ivory-white color and lovely globular form; fragrance slight. Plant very vigorous, bearing its bold blooms on erect stems. A superb sort which is making itself necessary in all collections.

ETOILE DE HOLLANDE. HT. Brilliant red blooms of magnificent size, perfect in half-open state, showing clean, attractive centers when fully open; petals enormous; very fragrant. Plants branching, particularly free flowering and healthy.

KAISERIN AUGUSTE VIKTORIA. HT. Well-formed, creamy buds which develop slowly to blooms of absolutely perfect form, snowy white with a slight tint of lemon at center; fragrant. Plant moderately vigorous, free blooming, and hardy. A standard old variety, indispensable among white garden Roses.

LADY ALICE STANLEY. HT. Massive buds and fully double, very sweet blooms; outside of petals coral-rose, inside pale flesh-pink. A strong, free-blooming plant. One of the very best and most dependable Roses for both bedding and cutting.

LADY ASHTOWN. HT. Not just another pink Rose, but decidedly a pink Rose with a great deal of character. The petals are definitely reflexed and pointed and the center rises in the way of the best exhibition bloom.

LOS ANGELES. HT. Color, form, and fragrance are the notable virtues of this Rose. It has a flaming golden pink tint, and an exquisite shape and perfume that are difficult to match.

Other varieties of Everblooming Garden Roses on page 22

WILLIAM C. DUCKHAM, MADISON, N. J.



© 1933 Amelia Earhart (President Charles Hain). HT. See page 19. \$2 each
Plant Patent No. 63



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Blaze. HW. Everblooming Climbing Rose
See page 22. \$2 each
Plant Patent No. 10

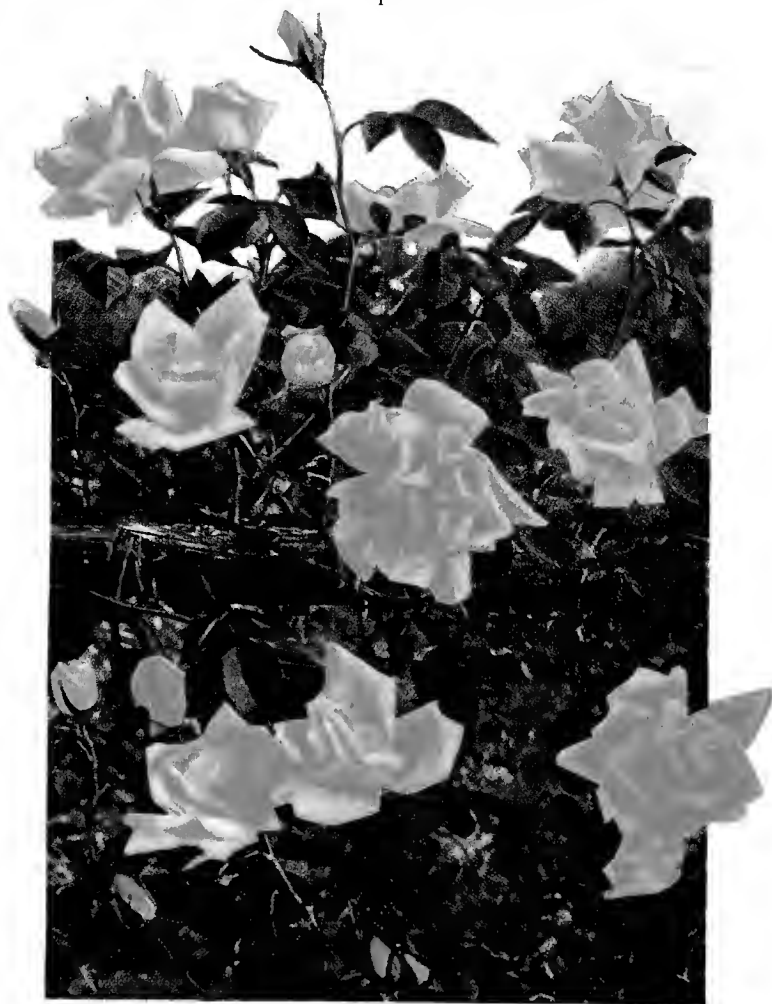
Patented Roses

The producers of new Roses have taken advantage of the recent law which permits them to patent new varieties. Fortunately, we have been selected by the originators of the most promising patented Roses to help distribute them.

We take great pleasure in offering on this page and the next a group of the finest Roses which we think have ever been introduced. Both climbers and bush Hybrid Teas are included, and each represents the acme of achievement in its particular line.



© The New Dawn. HW. The Everblooming Dr. W. Van Fleet.
See page 23. \$1.50 each
Plant Patent No. 1



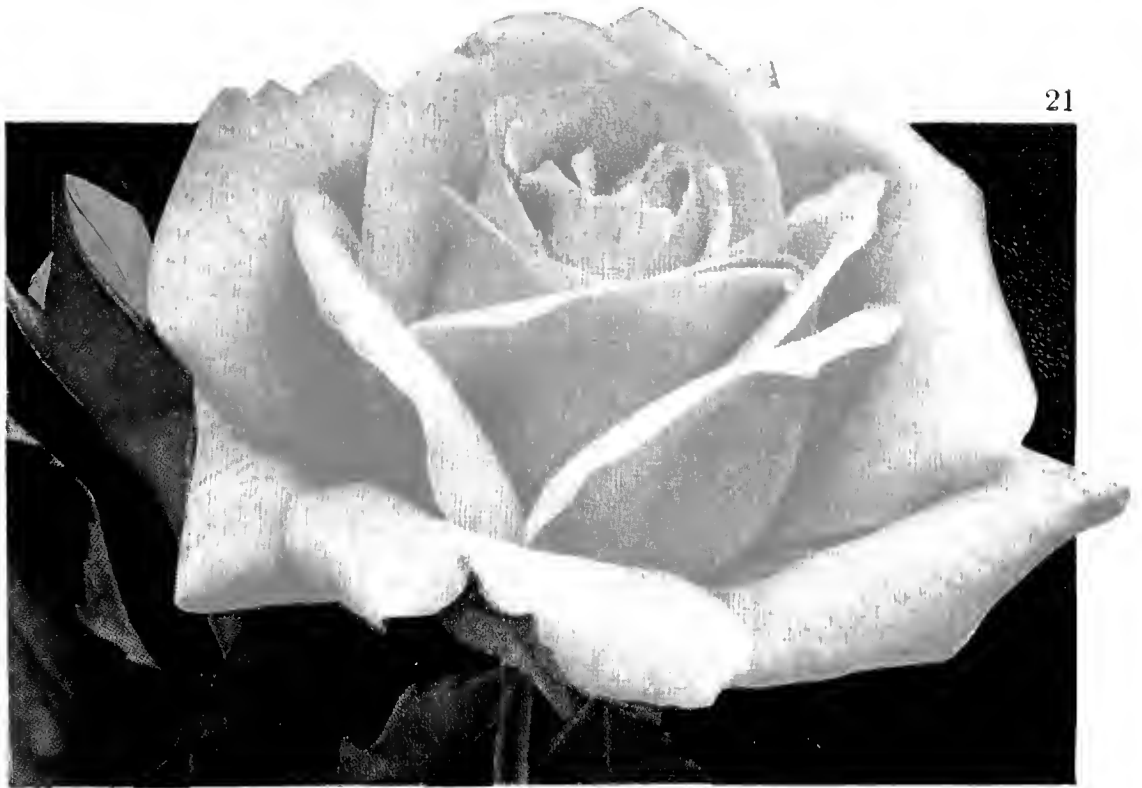
© 1933 Mrs. Arthur Curtiss James (Golden Climber). HW.
See page 22. \$2 each. Plant Patent No. 28



© Souvenir. HT. \$1 each. See page 22
Plant Patent No. 25



© Comtesse Vandal. HT. \$1.50 each. See page 19
Plant Patent No. 38



© Max Krause. HT. \$1.50 each. See page 22

Novelty Roses

The Novelty Roses on this and the preceding page probably attract more attention than any others, but growers must not overlook the fact that the well-known standard varieties generally yield a greater return in year-round, season-long satisfaction. We respectfully urge a careful consideration of the merits of the older Roses, which can be depended on, while all novelties, by the nature of the case, are untried. Novelties are full of excitement, and great pleasure may be derived from them, but the older, trustworthy Roses will produce steady satisfaction.



Mrs. J. D. Eisele, the Perfumed Rose. HT.
Plant Patent No. 67

\$1.50 each
See page 22

Everblooming Garden Roses

LADY MARGARET STEWART. HT. Rose of deep sunflower-yellow, heavily veined and slashed with orange-scarlet; reverse of petals deeply suffused with carmine.

MAX KRAUSE. HT. A vigorous, disease-resistant, golden yellow Rose with apricot tones in the depths of the petals. The blooms are huge and massive, held upright on rigid stems. A striking and most promising novelty. \$1.50 each.

MME. BUTTERFLY. HT. Beautiful buds and flowers of light soft pink, tinted yellow at base of petals; very free and highly scented. One of the most dependable garden Roses.

MME. CAROLINE TESTOUT. HT. Clear, glistening, satiny rose flowers, lighter toward the edges. Strong, bushy and healthy, with good stems and a most unusual color. An old favorite.

MME. EDOUARD HERRIOT. HT. Few flowers of any kind can equal the gorgeous color of this Rose. The buds are burning red and copper and the open flowers brilliant orange-pink.

MME. JULES BOUCHE. HT. One of the best white Roses. Erect, bushy plants with abundance of snow-white flowers having just a suspicion of pink in the center. You will like this Rose.

MRS. AARON WARD. HT. Everybody likes this little flower, which nestles on such a vigorous little bush. The buds are golden buff and fawn, opening to very double flowers of palest pink and white, suffused with yellow and cream. The foliage is like holly.

MRS. A. R. BARRACLOUGH. HT. A most distinct and valuable Rose, of bright but soft sparkling carmine-pink, passing to yellow at the base of the petals. The attractive color does not fade as the flower ages, but, if anything, becomes richer and brighter. Bud is long, pointed, and develops into a full double flower of model form and substance; very fragrant.

MRS. ERSKINE PEMBROKE THOM. HT. Supreme among yellow garden bedding Roses, this fine American variety has steadily won friends for itself everywhere. Flowers are brighter in color than the old Souvenir de Claudius Pernet, and never show its bad center.

MRS. J. D. EISELE. HT. Plant Patent No. 67. This superb, new crimson Rose is one of the most richly fragrant flowers we have ever known. The blooms are double, circular in form, with slightly undulated petals, each edged with a silver line. Plants are tall, floriferous, and healthier than most. It has won favor wherever it has been grown in this country, and we believe it is going to be one of the most successful light crimson garden Roses. \$1.50 each.

MRS. HENRY BOWLES. HT. One of the best bedding varieties grown, always in flower and perfect in every stage of development. In color it is of an intense brilliant pink, with lighter salmon-pink shadings. A model Rose in every way.

OPHELIA. HT. Classed with the very best for it is a Rose that is admired by everyone. Its flowers, held erect on long, stiff stems, are of perfect form, good size, and of a most pleasing delicate tint of salmon-flesh, shaded with rose-pink.

PADRE. HT. Semi-double, copper-scarlet flowers with fifteen to twenty petals. Erect, strong bush, with light yellow-green foliage; blooms with exceptional freedom.

RADIANCE. HT. Of all Roses, probably this is the most popular. The flowers are round and cup-like, sometimes with a sort of balloon center, and of bright, shining pink contrasted with a lighter, silvery sheen. Very strong and blooms with the utmost freedom.

RED RADIANCE. HT. Similar to Radiance in all respects except its splendid light red color. The two belong together in big masses where they will furnish bright color and good flowers for cutting all summer long.

REV. F. PAGE-ROBERTS. HT. The flowers are gigantic, glowing golden yellow, with a coppery red sheen spread over the outside of the petals, giving them a rich and sumptuous effect.

SOUVENIR. HT. Plant Patent No. 25. A splendid new yellow Rose which originated as a sport from the famous multicolored Talisman. It has been a consistent winner in the great flower shows and is notable for its splendid, long-stemmed, golden yellow flowers steadily produced throughout the season. \$1 each.

SOUVENIR DE CLAUDIUS PERNET. HT. A splendid variety, with exquisite golden yellow buds and fine open flowers.

ROSA HUGONIS

This wild Rose from China is unlike any other Rose. It is a big shrub and naturally forms symmetrical bushes about 6 feet high. Invaluable in connection with other shrubs or as single specimens in the garden. Its delicate yellow, single flowers are produced on long, arching sprays early in May. Every branch of the previous season's growth becomes lined on both sides to the very tip with these attractive flowers, and after it has finished blooming it remains an attractive decorative bush for the remainder of the season. Perfectly hardy. **Strong, 2-yr. plants, \$1 each; \$10 per doz.**

STANDARDS or TREE ROSES

The beautiful Tree Roses are made by budding on tall stems 3 feet or more above the ground and developing round, bushy heads at the level of the eyes where their flowers are most effectively displayed.

Tree Roses are seldom seen in America and require considerable care. They should be planted in carefully prepared ground and be copiously fed with liquid manure throughout the summer and most carefully protected in the winter. At the time of planting, a strong stake should be set to each plant and the stem tied firmly to it, especially at the top, to prevent it from swaying and loosening itself in the ground. It is best to set the stake on the south side of the plant. Plant them at salient points in the garden, in the centers of wide beds, in a circle about a pool, along walks to give a formal avenue effect, or let them stand, sentinel-like, at the entrance to the garden.

This season I can offer the following varieties at \$3 each; \$30 per doz.

BRIARCLIFF. The most recent and the best sport of Columbia. Fine, handsome flowers of an even shade of silvery rose-pink.

DUCHESS OF WELLINGTON. Saffron-yellow; large and delightfully fragrant.

RADIANCE. Bright pink. Very prolific. One of the best.

RED RADIANCE. Similar to Radiance but light red.

SOUVENIR DE CLAUDIUS PERNET. A definite and lovely sunflower-yellow, deeper in the center.

ALL THE GEMS OF THE HARDY CLIMBING ROSES

They are so various, these Climbing Roses, both in their unparalleled beauty and their easy adaptability to many situations and uses. Use them for covering or screening objectionable objects. Use them for decorative arches, or to cover summer-houses or garden-seats. Use them on a trellis at the porch or trained about an entry or a window. Let them clamber along a fence or twine about a pergola, or even make a hedge of them by tying in and clipping back the branches. Anyone with a square yard of ground at his disposal can have one splendid Climbing Rose upon it, and it is doubtful if he could put the ground to any better use.

Best of all, perhaps, is to grow them as pillars, which takes the least space; and anyone who likes Roses will want to crowd as many of them as he can into his garden. To make a pillar, plant a stout, straight post with the Rose, and train the plant straight up to the top, or wind it about the support, keeping it cut off at the top, and the stray shoots tied in or cut off. The second season after planting, the pillar will be a mass of flowers from top to bottom and an object of admiration and delight to everybody.

BLAZE. HW. Plant Patent No. 10. A marvelous, ever-blooming seedling of Paul's Scarlet Climber and Gruss an Teplitz. This is probably the most famous Climbing Rose ever produced, and has aroused unparalleled attention from coast to coast. It makes vigorous growth, producing huge clusters of moderately large, blazing red flowers in the early summer, and continues to bloom with unusual freedom throughout the season until freezing weather. \$2 each.

MRS. ARTHUR CURTISS JAMES (Golden Climber). HW. Plant Patent No. 28. Here is the finest, hardiest, and most reliable golden yellow Climbing Rose ever introduced into this country. Plants have all the enormous vigor of the famous Mary Wallace and are apparently as hardy as any of the popular Climbing Roses. The flowers are large and shaped identically like the finest Hybrid Teas. They open rich golden yellow and remain without serious fading for several days. \$2 each.

WILLIAM C. DUCKHAM, MADISON, N. J.

ORDER TO
WILLIAM C. DUCKHAM
 MADISON, NEW JERSEY

Date.....

Your Name

Very Plain

Post Office.....P. O. Box.....

County.....State.....

Street No.....Forwarded by.....

Mail, Express or Freight

Please do not write here

Amount Enclosed: Cash, \$..... Money Order, \$.....

Supt.'s Name Draft or Check, \$.....

State how much money you enclose

QUANTITY	NAME OF ARTICLE	Dollars	Cents

In making your order, please give the price, to avoid delays and errors.

CHOICE HARDY CLIMBING ROSES

75 cts. each; \$7.50 per doz.; \$65 per 100, unless otherwise noted

ALBERTINE. HW. An enormously vigorous Climber with huge, semi-double, flesh-pink flowers, richly shaded with golden yellow and copper. One of the most striking and beautiful Climbing Roses and a favorite with everybody.

AMERICAN PILLAR. Unlimited in vigor, this splendid Climber will ascend 20 feet or more, throwing out long stems with enormous sprays of large, single, brilliant pink flowers, lit in the centers with large white eyes and great clusters of golden stamens. Abroad, American Pillar has taken first place as the favorite Climbing Rose, and in this country its popularity has no end.

CHAPLIN'S PINK RAMBLER. This striking novelty is a cross between Paul's Scarlet and American Pillar. It is perfectly hardy, producing its large, lively pink flowers profusely in strong trusses of 8 to 12. It was awarded the Gold Medal of the National Rose Society of England.

DOROTHY PERKINS. Famous and beautiful, old Dorothy is still among the best. Very vigorous, with lovely waxy foliage and great clusters of frilly, shell-pink flowers, tiny but exquisitely shaped, it has a place in the affections of every flower-lover that nothing else can fill. Unequaled for covering arches, trellises, and summer-houses, and useful wherever a rapid-growing screen or cover is needed.

DR. W. VAN FLEET. The flowers are of the palest possible shade of flesh-pink, with a slightly darker center, and they are likely to acquire deeper color late in the season, as it blooms over a long period and frequently throws a few flowers in late summer and fall. Unquestionably it is the most popular Climbing Rose in the country today.

EMILY GRAY. This is a lovely golden yellow Climbing Rose, with large, beautifully formed flowers and handsome, shining foliage. It is a wonderful and almost unbelievable sight when in full bloom, and people invariably go into ecstasies over it. Unfortunately, it requires winter protection in cold climates, but if it is grown as a pillar it can be easily wrapped with burlap or covered with a few boughs to shelter it through coldest seasons.

FLAME. Flowers vivid salmon-pink, semi-double, freely produced in large trusses. Plant very vigorous and exceedingly free flowering, continuing through several weeks. Late. A brilliant and most attractive color.

GARDENIA. Soft, dainty yellow in bud and early opened flower, fading white. Plant is very, very vigorous and its foliage is particularly fine.

GLOIRE DE DIJON. Cl.T. One of the most famous Climbing Roses in the world. A hardy, everblooming Tea with enormous, globular buds and very double, sweetly scented, soft chamois-yellow flowers touched with gold and delicate rose.

ILE DE FRANCE. Enormous trusses of semi-double, light crimson-pink flowers, with white centers and clusters of sparkling golden stamens. Strong, vigorous growth and very profuse flowering.

JACOTTE. Large, semi-double flowers of orange-yellow, tinted copper-red, borne in clusters. Strong, profusely blooming plant. The blooms measure 3 inches and over in diameter. Early to mid-season. One of the sensational new Roses carrying the brilliant orange color into the hardy Climbers.

MAX GRAF. H.Rug. A trailing Rose useful for covering the ground on rough banks or otherwise waste slopes. The foliage is brilliant green, rough, and disease-resistant. The bright rose-pink flowers are 2 inches across and produced in branching clusters.

MME. GREGOIRE STAECHLIN. This superb new Climber has rapidly come into highest favor for the supreme beauty and lavishness of its glorious ruffled flowers. The long-pointed buds are crimson as the sepals divide, then the firm outer petals show splashes of carmine as the flower opens, with an iridescent pearl-pink inside, and it is richly perfumed. \$1 each.

MARY WALLACE. Queen of the large-flowered, pink clusters and regarded as the best of its class. The blooms are large and cup-like, glowing pink, with a golden undertone, and are borne in clusters at the ends of long stems.

PAUL'S SCARLET CLIMBER. Not so vigorous as other Climbers, this striking Rose is ideal for growing as a pillar, over which it will hang its clusters of large, well-formed, shining scarlet flowers in greatest profusion. One of the most spectacular of Roses, it is becoming widely known and tremendously popular.

PRIMROSE. A strong, vigorous grower and as hardy as Dr. W. Van Fleet and similar varieties. The light primrose-yellow flowers, about 2½ inches in diameter, are borne in trusses of from 2 to 5, on long stems. The plant is of vigorous, climbing habit, and is a noteworthy addition to the yellow Climbing Roses.

SILVER MOON. Tremendous vigor and splendid, polished foliage characterize this Rose, even without the splendor of its tapering golden white buds and its magnificent, semi-double, saucer-like flowers of purest white, illumined at the center with a giant frill of golden stamens.

THE NEW DAWN Everblooming Dr. W. Van Fleet Plant Patent No. 1

A sport from Dr. W. Van Fleet which is universally acknowledged as the best and most popular American Climbing Rose. This new variety is identical in every way with its parent in size and formation of its flowers, color, etc., but blooms continuously throughout the summer and fall months. The first good Everblooming Climber introduced. \$1.50 each

POLYANTHA ROSES

These most charming little Roses are much used for massing in beds or for edging borders where a brilliant effect is desired. They bloom right through the season, simply covering themselves with their large trusses of flowers.

Selected plants, 75 cts. each; \$7.50 per doz.

CECILE BRUNNER. Rose-pink with yellowish center; fragrant.

ELLEN POULSEN. A deep rose-pink with large flower-heads.

GRUSS AN AACHEN. Delicate flesh-pink, overlaid with yellow

IDEAL. Very dark crimson-red. Free flowering and disease-proof

The New Polyantha Rose, Gloria Mundi

This new variety is probably the best and most generally satisfactory of all the orange-scarlet Polyantas recently introduced. Its color certainly is emphatic, clear and uniform, and comparatively unfading. The petalage is fully double, with many good-sized florets in each cluster. As a bedding Rose, it will undoubtedly be accepted as the most brilliant addition to this class in many years, its lasting brightness being quite pronounced.

BUSINESS TERMS AND SHIPPING INSTRUCTIONS

To insure early deliveries of Roses and Hardy Plants, and to avoid disappointments, it is necessary to order early.

Payments. Cash or satisfactory references required from all correspondents unknown to me.

Plants by Parcel Post. If to be sent by parcel post, add postage as follows: Single plants, 5 cts.; 3 plants, 10 cts.; 6 plants, 15 cts.; 12 plants, 25 cts. I accept no responsibility for delays or conditions that may prove injurious to the contents.

Plants by Express. I recommend this mode of transit for more than 18 or 24 plants. All orders are carefully packed by expert hands, but I accept no responsibility for delays over which I have no control that may cause injury to the contents. I can make no adjustments unless complaints are made within five days after receipt of goods. Always state how you wish your order shipped, express or parcel post. Express rates reduced 25 per cent.

In the event that I should be sold out of any variety ordered, I will substitute the nearest variety of equally good stock and similar color, unless the order is marked "No Substitution."

Responsibility. Although exercising the utmost care in packing and routing orders, I cannot be responsible for damage due to the negligence or rough handling of common carriers. If the container appears damaged on arrival, sign for it as damaged and make claim on the express company. If considerable delay in transit would indicate fatal damage to contents, refuse delivery.

I guarantee my stock to be extra strong, but assume no responsibility after shipment has been made. I also wish to emphasize the fact that all roses and plants I send out are vigorous, healthy, and true to name.

All shipments should be opened and unpacked immediately on arrival; if dry, the plants should be watered and planted as soon as possible.

Substitution. In ordering, kindly give a second choice, if possible, as many varieties are sold out as the planting season progresses.

DELPHINIUMS • HARDY PLANTS • ROSES

1934



William C. Duckham